

Curriculum Vitae

Suman S. Kushwaha

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Present Position

Professor Neurology & Head

June 2021 to Present

Department of Neurology
Institute of Human Behavior & Allied Sciences (IHBAS)
Delhi, India

Professional Experience

Professor Neurology
Associate Professor and Head, IHBAS
Assistant Professor, IHBAS
Senior Resident (Post DM resident)

June 2021 – Present
September 2007 – Aug 2013
October 2003 – September 2007
July 2002 – Oct 2003

Academic Record

DM (Neurology)

1999 – 2002

Maulana Azad Medical College and G.B. Pant Hospital, Delhi University

MD (Medicine) - Post Graduate

1994 – 1997

Jabalpur Medical College, Rani Durgavati University, MP, India

MBBS - Graduate

1988 – 1993

Gandhi Medical College, Bhopal University (MP), India

Post-Graduation Residency

Senior Resident – DM (Neurology)

1999 – 2002

Maulana Azad Medical College & G.B. Pant Hospital, New Delhi

Senior Resident – Medicine (Post MD)

1997 – 1999

Hindu Rao Hospital, Delhi

Medicine Residency – Post graduation in Medicine

1994 – 1997

Govt. Medical College, Jabalpur

Short Term Observer Ship

Movement Disorders at Queen Square, Neurology at London in 2014.

Experience

1. Academic

This tertiary care Academic institute is conducting superspeciality Doctorate in Medicine (DM) Neurology, MD Psychiatry courses and M.Phil. Psychology under Delhi University. I am recognized teacher, examiner, and thesis guide for postgraduate students.

As a part of teaching curriculum of DM Neurology students, I am involved in regular teaching and training of the graduates and postgraduate's students at my institute and other Delhi university affiliated institute Including regular bedside teaching during the ward rounds and in OPD. I take didactic lectures and supervise the seminars, journal clubs and case presentations.

2. Clinical

The department of neurology has emergency, inpatient and outpatient services.

Since my post graduate days and further as an Assistant Prof, I have experience of managing all kinds of neurological emergencies and routine cases. The neuropsychiatry hospital has given me an opportunity to manage the patients of neurology and psychiatry interphase e.g. Drug induced dyskinesia's, NMS (Neuroleptic Malignant Syndrome) and Serotonin Syndrome a relatively rare disorder that are managed in our ICU.

The General Neurology has approximately 300-350 follow-up patients and 80-100 new cases daily in OPD. The department special clinic, Neurobehavior clinic (NBC), Movement Disorder Clinic (MDC) once a week. The patients of Cognitive disorders /Dementia and Parkinson's Disease and related disorder are managed and followed up.

Neuro behavioral Clinic – I had special interest in cognitive disorders since my post graduate days. After joining as an Assistant prof, I started the specialty clinic in 2004 for the patients with cognitive and behavior disorders. A team of neurologist, Psychiatrist, clinical psychologist, and occupational therapist under my guidance have developed a protocol for evaluating and managing the patients with range of cognitive deficits. All types of dementia subtypes, degenerative and acquired are managed and followed up in this clinic.

I have published the 8 years follow up of largest hospital-based study on subtyping of dementia from North India. The complete demographic, clinical profile with special emphasis on behavior and psychotic symptoms in dementia, risk factors, biochemical and radiological findings have been discussed in detail.

My special interest is in quantitative neuro-radiologic biomarkers; I am working on diffusion tensor imaging and volumetry in mild cognitive impairment/mild Alzheimer's disease (AD). We are also working on identification of genetic polymorphisms and risk factors associated with late onset AD.

I have been granted the highly competitive project grant by department of science and technology (DST) Govt of India. In this project, I will be doing the mapping of cognitive correlates of Indian ageing population. **Currently, I am working on developing the India Specific cognitive screening scale.**

Comprehensive Stroke Programme – I had started the **comprehensive stroke programme** at our institute in 2012. The evaluation and management of stroke patients is done as per the stroke protocol developed by me. The stroke team consists of neurologist, Radiologist, Neurosurgeon, and resident doctors. Our post stroke rehabilitation is done by physiotherapist, occupational & speech therapist. We are regularly thrombolysed the acute stroke patients since 2013. The teaching and training program for general physicians, resident doctors and other paramedical staff is a part of our stroke programme. Neuropsychologists help the patients of the vascular cognitive impairment for cognitive retraining. Community awareness of stroke symptoms and prevention of risk factors is regularly being done by our department.

In 2014, I was awarded World federation of Neurology funded project titled “**Saving the Brain initiative**”

Research Experience / Funded Projects

Present Project

Principal Investigator

- Department of Science and Technology (DST) funded project. 2020 – 2023 – Principal Investigator – **Mapping of cognitive pathways of Indian Ageing Population.**

Project Started – March 2021

Co-Investigator

- Indian Council of Medical Research (ICMR) 2019 -2022
Co – Investigator – **Determination of efficacy of 9 months, 12 months and 18 months of antitubercular treatment in patients of tuberculous Meningitis – A randomized controlled non inferiority trial.**

Funding agency: Department of Health Research (DHR), Grant-in-Aid scheme, ICMR - Budget: Rs 40,52,121

- **Indian Council of Medical Research (ICMR) 2020 -2025**
- Indian Multiple Sclerosis and Allied Demyelinating disorders registry and research network.

Principal Investigator –

Indian Council of Medical Research 2020 -2023

- Design and Evaluation of an EEG based Deep learning system for epilepsy diagnosis

Projects Completed

Principal Investigator

World Federation of Neurology Project (Principal Investigator) 2014 - 2016

Saving the Brain - Proposal to Increase Awareness of Thrombolysis (Acute Stroke Management) Among General physicians, Health care workers and in Community

ICMR (Indian Council of Medical Research) 2013 – 2015

As Co-investigator:

Project entitled “**Molecular characterization of drug resistance patterns of M. tuberculosis strains from patients of tubercular meningitis and correlation with prevalent genotypes and underlying host factors in CNS infections**”.

Clinical Trials - Principal Investigator: (Completed Projects) 2007-2011

- A Phase III multi center placebo controlled double blind randomized parallel group study to establish the efficacy of Investigational drug administered as 1% nasal spray in the preventive treatment of common migraine.
- To evaluate the safety and efficacy of Aricept in patients with Dementia due to Mild to Moderate Vascular Dementia.
- A Multicenter, Randomized, Double blind, Placebo and Entacapone-controlled, Parallel group Study of the Efficacy, Safety and Tolerability of Investigational drug in Levodopa treated Parkinson's disease Patients with Motor Fluctuations.
- Double Blind, Parallel-Group Comparison of two different formulation of drug in Patients with Moderate to Severe Alzheimer's disease.
- A Randomized, Multicenter, Double-Blind, Placebo- Controlled, Dose-Comparison Study to Determine the Efficacy and Safety of Investigational drug in Subjects with Relapsing-Remitting Multiple Sclerosis

Selected Publications

1. Talwar, P., **Kushwaha, S.**, Chaturvedi, M. *et al.* Systematic Review of Different Neuroimaging Correlates in Mild Cognitive Impairment and Alzheimer's Disease. *Clin Neuroradiol* **31**, 953–967 (2021). <https://doi.org/10.1007/s00062-021-01057-7>
2. Seth, V., **Kushwaha, S.**, Bapat, P. *et al.* Is double-seropositive myasthenia gravis a distinct subtype? *Acta Neurol Belg* (2021). <https://doi.org/10.1007/s13760-021-01759-2>
3. S Maheshwari, M Chaturvedi, A Anthony, **S Kushwaha**, J Singh, S Singh. Chronic Lead Exposure: a Cause for Brain Degeneration and Calcifications: a Case Report .SN Comprehensive Clinical Medicine 3 (1), 346-349
4. S Sharma, K Kapoor, N Nasare, A Bhardwaj, **S Kushwaha**. Development of a Trigger Tool to Identify Adverse Events and Harm in a Neuropsychiatry Setting Journal of Patient Safety
5. V Seth, **S Kushwaha**, R Verma, PM Patel, RK Gowda, P Bapat . Autoimmune encephalitis versus Creutzfeldt-Jakob disease in a patient with typical Facio-brachial dystonic seizures: A case report with diagnostic challenges. Brain, Behavior, & Immunity-Health, 100236
6. Tripathi CB, Gangania M, **Kushwaha S**, Agarwal R. Evidence-based discriminant analysis: A new insight into iron profile for the diagnosis of parkinson's disease. *Ann Indian Acad Neurol* 2021;24:234-8
7. Bhatia R, Sylaja PN, Srivastava MP, Komakula S, Iype T, Parthasarathy R, Khurana D, Pardasani V, Pamidimukkala V, Kumaravelu S, Pandian J. Clinical profile and outcome of non-COVID strokes during pandemic and the pre pandemic period: COVID-Stroke Study Group (CSSG) India. *Journal of the Neurological Sciences*. 2021 Sep 15; 428:117583.
8. Anthony A, Maheshwari S, **Kushwaha S**, Patel P, Gunasekaran A, Chaturvedi M, Singh S. Pseudo-Myotonic Reaction and Pseudo-Polyneuropathy Type Sensory Disturbances in Chronic Cervical Compressive Myelopathy. *Neurology India*. 2021 Nov 1;69(6):1867-.
9. Seth, V., **Kushwaha, S.**, Gupta, C. *et al.* Epilepsia partialis continua as the presenting feature of anti-NMDA receptor encephalitis in a young male. *Neurol Sci* **42**, 3911–3913 (2021). <https://doi.org/10.1007/s10072-021-05367-z>
10. Bhatia R, Srivastava MP, Sylaja PN, Komakula S, Upadhyay A, Pardasani V, Iype T, Parthasarathy R, Reddy R, **Kushwaha S**, Roy J. Clinical features and outcome of stroke with COVID-19. COVID-19 stroke study group (CSSG), India. *Annals of Indian Academy of Neurology*. 2021 Sep;24(5):668.
11. Khurana S, Gourie-Devi M, Sharma S, **Kushwaha S**. Burden of stroke in India during 1960 to 2018: a systematic review and meta-analysis of community-based surveys. *Neurology India*. 2021 May 1;69(3):547.
12. Bapat, P., **Kushwaha, S.**, Gunasekaran, A., & Seth, V. (2022). Relapsing–remitting subacute sclerosing panencephalitis: A case report. *Journal of Medical Virology*, 94(7), 2933-2935.
13. Pradhan, S., Bansal, R., Das, A., Pardasani, V., Malhotra, H. S., **Kushwaha, S.**, & Mishra, V. N. (2022). Osteo-Cutaneous Trophic Changes in Complex Regional Pain Syndrome and their Reversal with Steroids. *Neurology India*, 70(3), 1119.

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- 14.Sharma, P., Sonakar, A. K., Tyagi, N., Suroliya, V., Kumar, M., Kutum, R., Asokchandran V, Ambawat S, Shamim U, Anand A, Ahmad I. **S Kushwaha** (2022). Genetics of Ataxias in Indian Population: A Collative Insight from a Common Genetic Screening Tool. *Advanced Genetics*, 2100078.
- 15.Sharma, S., Kapoor, K., Nasare, N., Bhardhwaj, A., & **Kushwaha, S.** (2022). Development of a trigger tool to identify adverse events and harm in a neuropsychiatry setting. *Journal of patient safety*, 18(1), e343-e350.
16. Aggarwal A, Gupta A, Agarwal MP, Kushwaha S, Sharma R, Gupta AK. Apparent Treatment – Resistant Hypertension in Hypertensive Stroke Patients. *J Int Med Sci Acad* 2022;35(2):109-115.
- 14.**S Kushwaha**, V Seth, P Bapat, M Chaturvedi, R Gupta, S Bhattar, ... Neurological Associations of COVID-19—Do We Know Enough: A Tertiary Care Hospital Based Study *Frontiers in Neurology* 11, 1354
- 15.V Seth, **S Kushwaha**. Headache Due to COVID-19: A Disabling Combination. *Headache* 60 (10), 2618-2621
- 16.S Maheshwari, M Chaturvedi, A Anthony, **S Kushwaha**, J Singh, S Singh. Chronic Lead Exposure: a Cause for Brain Degeneration and Calcifications: a Case Report *SN Comprehensive Clinical Medicine* 3 (1), 346-349
17. P Talwar, **S Kushwaha**, R Gupta, R Agarwal. Systemic Immune Dyshomeostasis Model and Pathways in Alzheimer’s Disease. *Frontiers in aging neuroscience* 11, 290
- 18. S Kushwaha**, P Talwar, N Chandel, A Anthony, S Maheshwari, S Khurana. Saving the brain initiative—Developing an effective hub-and-spoke model to improve the acute stroke management pathways in urban India. *Journal of the neurological sciences* 393, 83-87, 2018
- 19.S Maheshwari, A Anthony, **S Kushwaha**, S Singh, R Desai, D Madan Moya Moya disease presenting as alternating hemiparesis with relapsing remitting hemichorea: An unusual manifestation. *Journal of Pediatric Neurosciences* 13 (4), 514, 2018
- 20.R Gupta, P Talwar, P Talwar, S Khurana, **S Kushwaha**, N Jalan, R Thakur. Diagnostic accuracy of nucleic acid amplification-based assays for tuberculous meningitis: A meta-analysis *Journal of Infection* 77 (4), 302-313, 2018
- 21.P Talwar, R Gupta, **S Kushwaha**. Diagnostic test accuracy of adenosine deaminase for tuberculous meningitis: A systematic review and meta-analysis—An update. *Journal of Infection* 77 (3), 249-257, 2018
- 22.DK Jha, M Jain, I Pant, R Kumari, R Goyal, A Arya, **S Kushwaha**. Endoscopic treatment of hydrocephalus with minimal resources: Resource utilization and indigenous innovation in developing countries like India. *Asian journal of neurosurgery* 13 (3), 607, 2018
- 23.MA Paul, FA War, V Sharma, **S Kushwaha**. Magnetic resonance imaging and neuropsychological correlates of subcortical vascular dementia. *Asian journal of neurosurgery* 13 (3), 631, 2018
- 24.C Rawat, D Guin, P Talwar, S Grover, R Baghel, **S Kushwaha**, S Sharma. Clinical predictors of treatment outcome in North Indian patients on antiepileptic drug therapy: A prospective observational study *Neurology India* 66 (4), 1052, 2018

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25. I Pant, K Jha, R Singh, **S Kushwaha**, S Chaturvedi. Peripheral neuropathy and the role of nerve biopsy: A revisit. *Indian Journal of Pathology and Microbiology* 61 (3), 339, 2018
26. S Misra, P Talwar, A Kumar, P Kumar, R Sagar, D Vibha, AK Pandit, **S Kushwaha**. Association between matrix metalloproteinase family gene polymorphisms and risk of ischemic stroke: A systematic review and meta-analysis of 29 studies. *Gene*, 2018
27. P Sinha, NG Desai, O Prakash, **S Kushwaha**, CB Tripathi. Caregiver of the Elderly Patients with Psychosis-A Comparative Study with Caregivers of Dementia. *Indian journal of psychiatry* 60 (5), 95-95, 2018
28. S Khosya, **S Kushwaha**, AAD Dung. Polyvinyl Chloride (PVC) Acting as Occupational Hazard in a Factory Worker Presented with Acute Toxic Encephalopathy: A Case Report *J Clin Toxicol* 8 (400), 2161-0495.1000400, 2018
29. Talwar P, Kanojia N, Mahendru S, **S Kushwaha** et al. Genetic contribution of CYP1A1 variant on treatment outcome in epilepsy patients: a functional and interethnic perspective. *The pharmacogenomics journal* 2017; 17(3): 242-51.
30. Talwar P, Grover S, Sinha J, et al. Multifactorial analysis of a biomarker pool for Alzheimer disease risk in a North Indian population. *Dementia and geriatric cognitive disorders* 2017; 44(1-2): 25-34.
31. Sanyal S, Prakash O, Agarwal R, **Kushwaha S**. Subclinical thyroid dysfunction in dementia of Alzheimer type. *Alzheimer's & Dementia: The Journal of the Alzheimer's Association* 2017; 13(7): P1047.
32. **Kushwaha S**, Talwar P, Anthony A, et al. Clinical Spectrum, Risk Factors, and Behavioral Abnormalities among Dementia Subtypes in a North Indian Population: A Hospital-Based Study. *Dementia and Geriatric Cognitive Disorders Extra* 2017; 7(2): 257-73.
33. Guin D, Mishra MK, Talwar P, **S Kushwaha** et al. A systematic review and integrative approach to decode the common molecular link between levodopa response and Parkinson's disease. *BMC Medical Genomics* 2017; 10(1): 56.
34. Talwar P, Sinha J, Grover S, **Kushwaha S** et al. Dissecting complex and multifactorial nature of Alzheimer's disease pathogenesis: a clinical, genomic, and systems biology perspective. *Molecular neurobiology* 2016; 53(7): 4833-64.
35. Talwar P, Sinha J, Grover S, et al. Meta-analysis of apolipoprotein E levels in the cerebrospinal fluid of patients with Alzheimer's disease. *Journal of the neurological sciences* 2016; 360: 179-87.
36. Kukreti R, Talwar P, **Kushwaha S**, Agarwal R. Multilevel analysis of biomarker pool for Alzheimer's disease risk in a north Indian population. *Alzheimer's & Dementia: The Journal of the Alzheimer's Association* 2016; 12(7): P878.
37. Ruchi B. et al Pharmacogenomics of antiepileptic drugs identification of predictive genetic markers for variable drug response in epilepsy patients. 2015.
38. Agarwal R, Talwar P, **Kushwaha SS**, Tripathi CB, Kukreti R. Effect of apolipoprotein E (APO E) polymorphism on leptin in Alzheimer's disease. *Annals of Indian Academy of Neurology* 2015; 18(3): 320.

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39. Tripathi M, Tripathi M, Damle N, **S Kushwaha** et al. Differential diagnosis of neurodegenerative dementias using metabolic phenotypes on F-18 FDG PET/CT. *The neuroradiology journal* 2014; 27(1): 13-21.
40. Talwar P, Silla Y, Grover S, **Kushwaha S** et al. Genomic convergence and network analysis approach to identify candidate genes in Alzheimer's disease. *BMC genomics* 2014; 15(1): 199.
41. **Kushwaha S**, Malik S, Panda A. Malignancy Mimicking Encephalitis—A Cause of Rapidly Progressive Fatal Dementia. *The Southeast Asian Journal of Case Report and Review* 2014; 3(4): 868-74.
42. **Kushwaha S**, Jaiswal A, Malhotra H, Sharma V. Study of executive dysfunction in non-demented Parkinson's disease. *Movement Disorders* 2014; 29: S38.
43. Chaturvedi S, Pant I, **Kushwaha S**, Jha DK. Intravascular lymphoma: an unusual cause of rapid cognitive decline and the role of brain biopsy. *BMJ case reports* 2014; 2014: bcr2014205835.
44. Tripathi M, Tripathi M, Sharma R, et al. Functional neuroimaging using F-18 FDG PET/CT in amnesic mild cognitive impairment: A preliminary study. *Indian journal of nuclear medicine: IJNM: the official journal of the Society of Nuclear Medicine, India* 2013; 28(3): 129.
45. Agarwal R, **Kushwaha S**, Chhillar N, Kumar A, Dubey DK, Tripathi CB. A cross-sectional study on thyroid status in North Indian elderly outpatients with dementia. *Annals of Indian Academy of Neurology* 2013; 16(3): 333.
46. Agarwal R, Chhillar N, **Kushwaha S**, Singh NK, Tripathi CB. Role of vitamin B12, folate, and thyroid stimulating hormone in dementia: A hospital-based study in north Indian population. *Annals of Indian Academy of Neurology* 2010; 13(4): 257.

Research Paper Presented (International) and Abstract Published

Movement Disorder Society International – Spain – Madrid September 2022

1. Covid vaccine induced parkinsonism and cognitive dysfunction.

American Academy of Neurology (AAN) Oct 2020 Toronto Canada (Virtual Conference)

1. **S Kushwaha**, A Anthony Autoimmune Dementia–A Prospective Hospital-Based Study From A Tertiary Care Center In North India (2078) Neurology 94 (15 Supplement)

2. V Varun, R Gupta, **S Kushwaha**, M Chaturvedi Elucidating the Role of Myeloperoxidase in Distinguishing Acute Encephalitis Syndrome of Infectious, Immune mediated and Unknown Etiology (3994) Neurology 94 (15 Supplement)

3. M Chaturvedi, **S Kushwaha**, AD Dung, R Gupta Hepatic Reflections in Brain: The Clinico radiological Spectrum (2741) Neurology 94 (15 Supplement)

World Congress of Stroke – Hyderabad - Oct 26 – 29, 2016

1. **Suman Kushwaha**, Aldrin Anthony, Siddharth Maheshwari. Improving the rate of thrombolysis and outcome in acute stroke: a tertiary - care hospital-based study from north India

2. **Suman Kushwaha**, Niketa Chandel. Improving the Knowledge and Attitude of Physicians – A Catalyst for IV Thrombolysis in Acute Stroke

The MDS 20th International Congress of Parkinson's disease and Movement Disorders – Berlin, Germany - June 19 – 23, 2016

1. **Suman Kushwaha**, Roshan Mistry, Aldrin Anthony, Sarabjit Khurana. A comparative study of clinical profile of patients of drug induced parkinsonism with idiopathic Parkinson's disease.

2. Manmeet Kaur, **Suman Kushwaha**, Surender Khosya. Post traumatic rubral tremor – A rare entity

4TH Asian & Oceanian Parkinson's Disease and Movement Disorder congress – Pattaya, Thailand - Nov 28 – 30, 2014

1. Gopinath G, Manmeet Kaur, **Suman Kushwaha**, Aldrin Dung Dung. Malignant Tics – A rare cause of compressive cervical myelopathy.

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2.Lomesh Bhirud, Manmeet Kaur, **Suman Kushwaha**, Siddharth Maheshwari. Pontine and Extrapontine myelinolysis presenting as secondary parkinsonism.

European Federation of Neurological Sciences (EFNS) Geneva, Switzerland - Sept 23 - 28, 2010

1.**Kushwaha S.** Cognitive Dysfunction in Parkinson's disease – An Indian Study.

World Federation of Neurology – Bangkok, Thailand - Oct 2009

1.**Kushwaha S. et al.** Study of Cognition and Behavioral dysfunction in Multiple Sclerosis & Correlation with MRI Brain.

Alzheimer's Association International Conference on Prevention of Dementia (ICAD) – Vienna, Austria - July 10-16, 2009

1.**Kushwaha S.** Clinical Profile of Alzheimer's disease – A Study from North India.

ICAD Washington - June 2006

1.**Kushwaha S.** Gupta M, Bala K.- Therapeutic intervention in Alzheimer's disease.

2.Agrawal R, **Kushwaha S.** - Serum Copper in Alzheimer's disease.

3.Gupta M, **Kushwaha S.** Bala K., Mittal. - Vascular Risk Factors for Alzheimer's disease.

4.Gupta M, **Kushwaha S,** Bala K. - Vascular Dementia, Clinical Profile.

World congress of Neurology – Sydney - Nov 2005

1.Gupta M, **Kushwaha S,** Bala K. Neuropsychiatry manifestation of dementia.

2.**Kushwaha S,** Gupta M. Chronic Headache with Medication Overuse.

Research Paper Presented (National)

1. Rapidly Progressive Dementia: What all to do; Indian Academy of Neurology – Chandigarh Nov 2014.

2. Prescription Pattern of Antiepileptic Drugs in tertiary care hospital. Indian Epilepsy Association at – Tirupati. 2007

3. Posterior Cortical Atrophy – Case report. DNA Conference. 2005

4. Non-ketotic Hyperglycemia induced movement disorder at Indian Academy of Neurology, Nagpur in Sept. 2004.

5. Polyglandular Autoimmune Syndrome Presenting as movement disorder. Annual Conference of DNA at VIMHANS, Nov. 2004.

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6. Knowledge and Attitude towards Epilepsy, Indian Epilepsy Associating, Nagpur. 2004.
7. Pharmacotherapy of dementia at Dementia Symposium, IHBAS. 2002.

Awards

1. World Stroke Day Award – 2018

I was awarded the world stroke day award by Indian stroke association (ISA) 2018 in personal category for my “Saving the brain initiative “Increasing the awareness in community and among physicians regarding the acute stroke management.

Award was given during the annual conference of Indian stroke Association held at Ahmedabad 2018

2. WSO Angels Award 2020 (Diamond)

IHBAS hospital for Excellence in stroke care. It is the only Govt hospital in India to receive this award.

Travelling Fellowship awards - For Presenting Paper

1. Movement Disorder Society International – Madrid, Spain – September 2022 For presenting Paper

1. World Federation of Neurology Junior Travelling Fellowship –To Attend

1. World Congress of Neurology (WCN). Sydney, Australia, Nov 2005.
2. European Federation of Neurological Sciences (EFNS) - Sept -2010

2. International Congress on Alzheimer’s disease (ICAD) Travelling Fellowship.

Alzheimer’s Association International Conference on Prevention of Dementia, July 10-16, 2009, Vienna – Austria

Guide for thesis topics for the DM Neurology –

These studies are done under my guidance by DM Neurology (Postgraduate) Students.

Year	Thesis Topic
2019	1. Study of risk factors for hemorrhagic transformation after thrombolysis in acute stroke 2. A study of cognitive dysfunction in Multiple sclerosis
2018	1. The study of predictors of refractory epilepsy in relation to structural abnormalities and etiology in tertiary care hospital 2. A study of clinical spectrum and functional outcome of Guillain Barre Syndrome
2017(Completed)	1.The study of Long segment transverse myelitis. 2. Comparative study of clinical profile of YOPD and LOPD
2016 (completed)	1.The study of clinical profile of acute encephalitis syndrome and to elucidate the role of myeloperoxidase in distinguishing viral immune mediated & unknown etiology 2.A study of clinical profile, risk factors, etiological classification and outcome in patients of acute ischemic stroke 3.A study of health-related quality of life in patients with Parkinson's disease
2015 (Completed)	1.Clinical Profile of patients presenting with status epilepticus. 2.APOE polymorphism in various types of degenerative dementias
2014(Completed)	1.Clinical profile of patients of medication overuse headache.
2013 (Completed)	1.A comparative study of clinical profile of patients with drug induced parkinsonism with idiopathic Parkinson's disease. 2.A Study of psychiatry co morbidity in patients with epilepsy.
2012 (Completed)	1.A study of clinical profile, outcome and complications of Herpes simplex encephalitis. 2.Clinical profile and outcome of tuberculous Meningitis patients.
2011 (Completed)	1.A prospective study of management and outcome in status epilepticus patients.
2010 (Completed)	2.Dysexecutive Syndrome in Parkinson's disease and Parkinson's plus Syndrome.
2007 (Completed)	1.Spectrum of spinocerebellar Ataxias in regional Indian Context.

Administrative Responsibility

- In-charge of the Neurology Intensive Care unit (ICU).
- Selection of the various medical and paramedical staff for Neurology department.
- Member of the selection committee of resident doctors and faculty members our institute.
- Chairperson of the hospital infection control committee.
- Core member of the Executive council (EC) of our institute.
- Develop various administrative policy and procedures to be adopted in the institute.