

## Teaching, Research, Publication, and Administrative Experience Record

**A. Name:** Dr Ashish Sharma

**B. Designation:** Additional Professor

**C. Department:** Neurology

**D. Brief Details:**

### 1. Educational Qualification (From latest to graduation)

S. No.	Qualification	Subject	College/University	Year	Medals, awards
1.	FEAN	Neurology	European Academy of Neurology	2019	
2.	FEBN	Neurology	European Board of Neurology	2017	
3.	MRCP(UK)	Neurology	European Academy of Neurology	2015	
4.	DM	Neurology	AIIMS, New Delhi	2013	
5.	MD	Internal Medicine	IGMC Shimla (HPU, Shimla)	2006	
6.	MBBS		IGMC Shimla (HPU, Shimla)	2003	
		First Prof			Distinction in Anatomy
		Second Prof			Distinction in Pharmacology & Pathology Gold medal for standing first in subject of pharmacology
		Final Prof			Gold medal for standing first in subject of Medicine Gold medal for securing highest marks in annual Final MBBS examination
Gold medal for Best MBBS Graduate (Year of Passing 2003)					

### 2. (a) Academic / Teaching Experience & Responsibilities: (Post DM experience from latest to oldest)

S.	Post	Organization	Duration	Experience (yrs,
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No			University	From	To	months, day)
1.	Additional Professor(Neurology)	AIIMS Bilaspur-HP(India)	NA	14/6/22	Till Date	5 months/10 days
2.	Associate Professor (Neurology)	AIIMS Bilaspur-HP(India)	NA	23/11/20	13/6/22	1year/6 months/21 days
3.	Associate Professor (Neurology)	Dr. RP Govt. Medical College & Hospital, Kangra (HP)-India	HPU, Shimla	27-9-2019	22-11-2020	1 year/1 month/25 days
4.	Assistant Professor (Neurology)	Dr. RP Govt. Medical College & Hospital, Kangra (HP)-India	HPU, Shimla	20-2-14	26-9-2019	5years/7months/7 days

**(b) Participation and contribution to academic programs:**

Area of Participation	
<b>Visiting Professor</b>	
International	None
National	None
<b>Resource Person</b>	
International programs	<p>Lancet Neurology Commission on Stroke LMICs</p> <ul style="list-style-type: none"> <li>• A pre-intervention survey was conducted 2020</li> <li>• Provided current status of stroke services, epidemiological surveillance, primary and secondary prevention, acute stroke diagnostic and care facilities, and post-stroke rehabilitation <b>for state of HP as resource person from the state</b></li> <li>• This international work is about to get published as Lancet Neurology Commission paper</li> </ul>
National Programs	Course Co-Ordinator for three annual programs of Asian Society of Continuing Medical Education & CME Foundation of India (Brainstorm / Epi-Quest /Cross-Over): 2 & ½ day weekend educational programs since 2018/one CME in 4 months. Registrations limited for 75 delegates (Neurology DM/DNB Trainees)
Others	State level: Him Neuro learn Forum: 1 & ½ day weekend course for Medicine & allied PG since 2016/ once in 4 months. Registrations limited for 30 delegates.

**(c) Involvement with formulation of Innovative and New Academic Programs:**

S. No.	Details of Innovative Academic programs formulated	Date of approval by institute/University	Year of Introduction
1.	Part of team which prepared UG Curriculum of AIIMS Bilaspur	March 2022/AIIMS Bilaspur	2022

**3. International Academic Exposure, If any:**

S. No	Post/Assignment	Organization / University	Area of Assignment	Duration		
				From	To	Yrs & months
1.			None			

**4. Research Experience/contribution:**

S. No	To Post	Organization / University	Research Project
<b>As student/scholar</b>			
1.	MBBS		None
2.	MD/MS	IGMC Shimla/HPU Shimla	1) Spirometric Lung Functions tests in Type 2 DM patients: A Hospital Based Study
3.	DM/MCH	AIIMS New Delhi	1) Impulse control disorders and related behaviors (ICD-RBs) in Parkinson's disease patients: Assessment using "Questionnaire for impulsive-compulsive disorders in Parkinson's disease" (QUIP) 2) Prevalence of Triggering Factors in Acute Stroke: Hospital-based Observational Cross-sectional Study
4.	PhD		None
5.	Other		None
<b>As guide to</b>			
1.	MBBS		None
2.	MD/MS		1) Factors delaying hospital arrival in acute stroke patients 2) Trigger factors for stroke: Case-crossover study 3) Community Based study of Migraine Prevalence
3.	DM/MCH	Dr. RPGMCH Kangra/DNB(SS)	1) Study of ERPs in PD patients
4.	PhD		None
5.	Others		None
<b>As co-guide to</b>			
1.	MBBS		None
2.	MD	Dr RPGMCH Kangra/HPU Shimla	1) Community Based ASCVD risk estimation in apparently healthy population (40-75 yr age group): using AHA/ASA risk calculator 2) A study of Diffusion Tensor Imaging in evaluation of

			children with developmental delay 3) Study of Clinical Profile & Predictors of outcome in TBM
3.	DM/MCH	Dr. RPGMCH Kangra/DNB(SS)	1) Study of Clinical Profile & Predictors of outcome in Spontaneous ICH
4.	PhD		None
5.	Others		None

### 5. Research Funding:

S. No.	Funding agency	Name of project	Duration	Grant (Rs)	Status
<b>As Principal Investigator</b>					
<b>Intramural Projects (Institutional funding)</b>					
1.	State Research Grant Programme, DMER Shimla	Periodontal Disease and Recurrent Vascular Events in Ischemic Stroke/Transient Ischemic Attack Patients: Prospective, longitudinal, hospital-based cohort study	2 years	500000/-	Completed
<b>As Co-Investigator</b>					
<b>National Extramural Projects</b>					
1.	DST	Stroke awareness (Public Health Perspective): Education & Training to community, students & paramedical staff in Himachal Pradesh	3 years	5434160/-	Completed
2.	ICMR	Evaluation of Xpert MTB/RIF assay for the diagnosis of tuberculous meningitis	3 years	2445560/-	Completed
3.	Pharma Sponsored Trial Co-ordinated by CRO	A Double Blind, Double-Dummy, Randomized, Prospective, Two Arm, Parallel, Multicentre, Phase IV Clinical Trial To Evaluate Efficacy And Safety Of Gabapin NT (Fixed-Dose Combination Of Gabapentin And Nortriptyline) In Comparison With Gabapentin In Patients With Neuropathic Pain	3 years	1820000/-	Completed
4.	ICMR	To estimate the efficacy of VELscope in visualization of oral premalignant & malignant lesions among high risk population aged 18 years & above in Haroli block of Una, HP	2 years	500000/-	Completed
5.	ICMR	Establishment of the Indian Stroke Clinical Trial Network Phase 1 (INSTRuCT Network Phase 1)	NA	411600/year	
6.	DHR	Fever, hyperglycemia, swallowing and hypertension management in acute stroke: A cluster randomized controlled trial (Indian Quality Improvement in Stroke Care study)	4 years	1785250/-	Ongoing
7.	DHR	Smartphone based Tele stroke Vs 'Stroke Physician' led Acute Stroke Management (SMART INDIA): A cluster randomised trial	2 years	492340/-	Ongoing

8.	ICMR	Establishment of the Indian Stroke Clinical Trial Network Phase II (INSTRuCT Network Phase II)	NA	411600/year	Ongoing
9.	ICMR	<b>Indian Trial of Tranexamic acid in Spontaneous intracerebral haemorrhage (INTRINSIC TRIAL)</b>	4 years	576800/-	Ongoing
10.	ICMR-NCDIR	Development of Hospital Based Stroke Registries (HBSR) under National Stroke Registry Programme of ICMR-NCDIR, Bengaluru	NA	None(Technical Support will be provided)	Ongoing
11.	ICMR	<b>STENOSIS: Long term Single versus Dual Antiplatelet Therapy In Patients With Ischemic Stroke due to Intracranial Atherosclerotic Disease: A Randomized Trial.</b>	3 years	558672/-	Ongoing

#### **Intramural Projects (Institutional funding)**

1.	State Research Grant Programme, DMER Shimla	Development of reference values for Nerve Conduction Studies in healthy adult native population	2 years	500000/-	Completed
2.	State Research Grant Programme, DMER Shimla	Study of serum concentration/dose ratio of levetiracetam in Epilepsy patients for estimation of therapeutic drug levels	2 years	500000/-	Completed

#### **6. MoUs formulated and implemented for Academic / Research collaborations:**

S. No	MoU Formulated	Name of Institute/University	Year	Outcome
1.	AIIMS Bilaspur(Part of team)	IIT Mandi	2021	ongoing
2.	AIIMS Bilaspur(Part of team)	District Administration Lahaul & Spiti, Department of H&FW, Govt of HP	2021	ongoing
3.	AIIMS Bilaspur (Part of team)	NIEPVD Dehradun & CRC Sundernagar	2022	ongoing
4.	AIIMS Bilaspur(Part of team)	District Administration Chamba, Department of H&FW, Govt of HP	2022	ongoing

#### **7. Administrative Experience / Post & Responsibility Held (For Prof and Addl. and Assoc Prof only):**

S. No	Post	Organization / University	Duration		Experience (In years and Months)
			From (Date)	To (Date)	
<b>Within Department</b>					
1.	Member of Departmental Collegium(Looked after Academic, Research & Financial functions of department)	DRPGMCH Kangra, HP/HPU Shimla	20-2-2014	21-11-2020	6 years/9 months

2.	Faculty in charge of Department	AIIMS Bilaspur	23-11-2020	Till date	1year/5 months
<b>Institute level</b>					
3.	Faculty in charge Recruitment cell	AIIMS Bilaspur	4-9-21	Till date	7 months
4.	Member Secretary, IEC(BHR)	AIIMS Bilaspur	5-7-21	Till date	9 months
5.	Member, Media Cell	AIIMS Bilaspur	4-6-21	Till date	10 months
6.	Member, MEU	AIIMS Bilaspur	16-6-21	Till date	10 months
7.	Member, Examination Committee	AIIMS Bilaspur	24-6-21	Till date	10 months
8.	Member Secretary, Housing Committee	AIIMS Bilaspur	5-12-20	Till date	1 year/9months
9.	Co-Ordinator (Delegated responsibility) Construction work of Boundary wall & Auditorium	AIIMS Bilaspur	9-6-21	Till date	10 months
10.	RTI-CPIO: Estate & Academics	AIIMS Bilaspur	29-6-21	Till date	10 months
11.	Member, Technical Specification Committee	AIIMS Bilaspur	12-5-21	Till date	11 months
12.	Member, Store purchase Committee	AIIMS Bilaspur	26-6-21	Till date	10 months
13.	Member, Store inspection committees	AIIMS Bilaspur	26-7-21	Till date	9 months
14.	Member, VIP treatment team	AIIMS Bilaspur	10-8-21	Till date	8 months
15.	Member Anti-ragging cell	AIIMS Bilaspur	9-3-22	Till date	1 month
16.	Chairperson -Anti-ragging squad (Saturday)	AIIMS Bilaspur	9-3-22	Till date	1month
17.	Member Human Resource Management Committee	AIIMS Bilaspur	17-3-22	Till date	1 month
<b>National Level</b>					
18.	None				
<b>International Level</b>					
19.	None				

### 8. Membership of Professional / Academic / Scientific Bodies:

<b>International</b>	
1)	American Academy of Neurology
2)	European Academy of Neurology
3)	International Headache Society

<ul style="list-style-type: none"> <li>4) International Parkinson and Movement Disorder Society</li> <li>5) World Stroke Organisation</li> <li>6) International Child Neurology Association</li> <li>7) International Association for the Study of Pain (NeuPSIG)</li> <li>8) Asian Society of Continuing Medical Education</li> </ul>
<b>National</b>
<ul style="list-style-type: none"> <li>1) Indian Medical Association</li> <li>2) Neurological Society of India</li> <li>3) Indian Academy of Neurology</li> <li>4) Indian Epilepsy Society</li> <li>5) Indian Stroke Association</li> <li>6) Movement Disorder Society of India</li> <li>7) Society of Therapeutic Neuro-Interventions</li> <li>8) CME Foundation of India</li> </ul>
<b>State Level</b>
<ul style="list-style-type: none"> <li>1) HP Chapter of API</li> <li>2) Him Neuro-Learn Forum-Founder Member</li> </ul>
<b>Institute Level</b>
<ul style="list-style-type: none"> <li>1) Member Secretary, IEC(BHR)</li> <li>2) Member, MEU</li> <li>3) Member, Examination Committee</li> </ul>

**9. Publication Details:**

**a. ORCID id:** <https://orcid.org/0000-0003-4284-3121>

**b. Publications:**

Publications	Original research	RCTs	Case reports/series	Meta-analysis	Editorial	Reviews	Total
Pubmed Indexed	16	1	6	1	-		24

Non Pubmed indexed	4	-	3	-	-	2	9
Publication details							
List of all Publications :						(Clarivate) Impact Factor	Number of citations
1.	S Thakur, B Verma, J Mokta, <b>A Sharma</b> et al. Binswanger's Disease. JAPI 2007;55:285.					0.31	2
2.	V Chauhan, R C Negi, <b>A Sharma</b> et al. Enalaprilat Induced Acute Parotitis . JAPI 2008;56:128-29.					0.31	1
3.	<b>Sharma A</b> ,Kaur G, Sharma A. Genetics and Periodontitis - A Review . IJRID, Volume 2, Issue 6, Nov.-Dec 2012.					-	-
4.	<b>Sharma A</b> , Kaur G, Sharma A. Papillon-Lefevre syndrome: A case report of 2 affected siblings. J Indian Soc Periodontol. 2013;17(3):373–7.					1.25	5
5.	Sharma A, Bansal P, Grover A, Sharma S, <b>Sharma A</b> . Oral health status and treatment needs among primary school going children in Nagrota Bagwan block of Kangra, Himachal Pradesh. J Indian Soc Periodontol. 2014 Dec;18(6):762–6.					1.25	26
6.	<b>Sharma A</b> , Goyal V, Behari M, Srivastva A, Shukla G, Vibha D. Impulse control disorders and related behaviours (ICD-RBs) in Parkinson's disease patients: Assessment using "Questionnaire for impulsive-compulsive disorders in Parkinson's disease" (QUIP). Ann Indian Acad Neurol 2015;18:49-59					1.38	43
7.	<b>Sharma A</b> , Prasad K, Padma MV, Tripathi M, Bhatia R, Singh MB, et al. Prevalence of Triggering Factors in Acute Stroke: Hospital-based Observational Cross-sectional Study. J Stroke Cerebrovasc Dis Off J Natl Stroke Assoc. 2015 Feb;24(2):337–47.					2.13	26
8.	Raina S, Jearth V, <b>Sharma A</b> , Sharma R, Mistry K. Postpartum pituitary apoplexy with isolated oculomotor nerve palsy: A rare medical emergency. J Neurosci Rural Pract. 2015;6(4):598.					0.73	2
9.	Raghuvanshi A, Sandhu J, Raina S, <b>Sharma A</b> , Bhardwaj A, Sharma R. Striatal Toe. J Assoc Physicians India. 2015;63:68.					0.31	1
10.	Sharma A, Bansal P, Kaur G, <b>Sharma A</b> , Sharma N, Sharma P. The effect of oral health education and treatment on dental caries prevalence among primary schoolchildren in Nagrota Bagwan Block of Kangra, Himachal Pradesh, India: A school-based cross-sectional study. J Indian Acad Dent Spec Res. 2015;2(2):59.					0.27	3
11.	<b>Sharma A</b> , Padma MV, Bhardwaj A, Sharma S , Sawal N, Thakur S, et al. Telectroke in resource-poor developing country model. Neurology India. 2016;64(5):934.					2.70	45
12.	Chauhan A, <b>Sharma A</b> , Sharma A, Bala K, Sharma N, Dogra S. Comparative Evaluation of the Efficiency of Preprocedural Mouthrinse and Spray Disinfectant in Reducing Oral Microflora on Corrective Complete Denture Impression: A Crossover Clinical Study. Int J Sci Stud 2016;4(6):1-7.					-	-
13.	Dogra KS, <b>Sharma A</b> , Sharma N, Sharma A. Cementoblastoma a Rare Odontogenic Tumor - A Case Report and Differential Diagnosis. IJSS					-	-



	Case Reports & Reviews 2016;3(3):1-3.		
14.	Raina S, <b>Sharma A</b> , Sharma R, and Bhardwaj A, “Neurobrucellosis: A Case Report from Himachal Pradesh, India, and Review of the Literature,” Case Reports in Infectious Diseases, vol. 2016, ID 2019535, 2016. doi:10.1155/2016/2019535	0.20	19
15.	Kumar S, Kumar H, <b>Sharma A</b> . Bilateral thalamic infarcts due to occlusion of artery of percheron - a rare vascular variant. Int J Res Med Sci 2016;4:5473-6.	-	-
16.	Bhardwaj A, <b>Sharma A</b> , Raina SK, Sharma G, Angra M. Advanced Age and Higher National Institutes of Health Stroke Scale Score as Predictors of Poor Outcome in Ischemic Stroke Patients Treated with Alteplase: A Study from a Tertiary Care Centre in Rural North-west India. J Neurosci Rural Pract. 2017;8(2):236-240.	0.73	12
17.	Chauhan A, <b>Sharma A</b> , Chauhan KB, Sharma A. Prosthodontics and Digitization: A Review Article. IJSS Case Reports & Reviews 2017;3(11):1-5.	-	-
18.	Sharma A, <b>Sharma A</b> , Dogra S. Peripheral giant-cell granuloma: A potentially aggressive lesion in adults. J Indian Acad Dent Spec Res 2018;5:32-5	-	1
19.	Bhardwaj A, <b>Sharma A</b> , Kumar G, Angra M, Bhardwaj SS, Raina SK, et al. Profile of patients from a neurology registry in resource-poor rural Northwest India. J Neurosci Rural Pract 2018;9:468-72.	0.73	1
20.	Chadha V, Goel NK, Bhardwaj AK, <b>Sharma A</b> . Factors & decisions associated with delayed admission among stroke patients in a tertiary care hospital. Indian J Res Volume-7 ,Issue-7 ,July-2018, ISSN - 2250-1991.	-	-
21.	Angra M, Bhardwaj A, <b>Sharma A</b> , Kumar G, Singh M, Kaur G, et al. Is single-drug prophylaxis in migraine prevention a better option than combination therapy? An observational study in a rural tertiary care center in North West India. J Neurosci Rural Pract 2019;10:XX-XX	0.73	1
22.	Sharma A, <b>Sharma A</b> , Negi MP. Prevalence of oral premalignant lesions and its risk factors among adult population in Haroli block of Una district, HP(India). J Adv Med Dent. Scie Res 2019;7(12):122-125	-	-
23.	<b>Sharma A</b> , Sharma A. Oral health status of patients with epilepsy in rural population of Himachal. J Adv Med Dent Scie Res 2020;8(5): 61-65.	-	-
24.	Elavarasi A, Prasad M, Seth T, Sahoo RK, Madan K, Nischal N, Soneja M, <b>Sharma A</b> , Maulik SK, Shalimar, Garg P. Chloroquine and Hydroxychloroquine for the Treatment of COVID-19: a Systematic Review and Meta-analysis. J Gen Intern Med. 2020 Nov;35(11):3308-3314.	5.12	17
25.	<b>Sharma A</b> , Sharma A et al. Assessment of periodontal status in subjects with metabolic syndrome. European Journal of Molecular & Clinical Medicine, 2021; 7(11): 8311-8315.	1.21	3
26.	<b>Sharma A</b> , Agarwal A, Srivastava P, <i>et al</i> Hypertension with recurrent	1.71	3

	focal deficits. Practical Neurology . doi: 10.1136/practneurol-2021-003020		
27.	Goyal H, <b>Sharma A</b> , Patel C, Deepak KK, Tripathi M, Gupta P, Kumar R, Bal CS, Goyal V. Assessment of myocardial sympathetic innervation with 18F-FDOPA-PET/CT in patients with autonomic dysfunction: feasibility study in IPD patients. J Nucl Cardiol. 2021 Jan 10. PMID: 33426586.	3.84	2
28.	Singh S, Urvashi, Bhatt R, Arora H, Kaushal H, <b>Sharma A</b> . Impact of the 2019 COVID 19 pandemic on onset to door time & admission of new onset acute ischemic stroke in a tertiary care level hospital in north India. Accepted for publication in Journal of family medicine & primary care	2.03	NA
29.	Thakur S, Sharma A, Kaushal S, <b>Sharma A</b> , Sharma N, Thakur P. Comparison of Clonidine with Bupivacaine vs plain Bupivacaine in Transversus abdominis plane (TAP) block in women undergoing caesarean delivery under spinal anaesthesia – Randomized Clinical Trial. Accepted for publication in Journal of pharmacy & bio allied sciences.	1.48	NA
30.	Thakur S, <b>Sharma A</b> , Kaushal S, Sharma A, Sharma N, Thakur P. Incidence and risk factors of ‘Post Dural Puncture Headache’ (PDPH) in women undergoing caesarean delivery under spinal anaesthesia with 26 G Quincke spinal needle, experience of medical college in rural settings in India: Prospective cohort study design. Accepted for publication in Journal of pharmacy & bio allied sciences.	1.48	NA
31.	<b>Sharma A</b> , Sharma A, Chauhan R, et al. Periodontal disease and recurrent vascular events in ischemic stroke/TIA patients. Accepted for publication in Journal of Indian Society of Periodontology.	1.25	NA
32.	Sharma A, <b>Sharma A</b> , Bansal AK et al. To estimate the efficacy of VELscope in visualization of oral premalignant & malignant lesions among high risk population aged 18 years & above in Haroli block of Una, HP. Accepted for publication in Journal of international society of preventive & community dentistry.	1.38	NA

**c. Total Citations: 215**

**d. H-index:8**

**e. i-10 index:8**

**10. Books, monograms, chapters:**

S. No	Details
Books	
1.	None
Monograms	
1.	None

Book Chapters	
1.	<b>Ashish Sharma</b> , Vinay Goyal. Neuropsychiatric symptoms in Parkinson's Disease. Parkinson Disease in India, Manipal University Press 2019
2.	<b>Ashish Sharma</b> , Amit Bhardwaj. Psychiatric Co-morbidities in Epilepsy. Progress in Clinical Neurosciences (NSI-December 2016)
3.	<b>Ashish Sharma</b> , Monika Angra. Neuromodulation in Headache Medicine. Progress in Clinical Neurosciences (NSI-December 2018)

### 11. Other significant achievement:

S. No	Details
<b>Editor of books, journals</b>	
1)	Editor of eBook "Clinical Studies in Epilepsy" (Remedy Publications LLC, USA)
<b>Peer Reviewer for Journals</b>	
2)	Editorial Board Member of "Clinical Neurology", (Remedy Publications LLC, USA)
3)	Review Board Member of "The Scientific Pages of Brain Disorders" (USA)
4)	Editorial Board Member of "ARC Journal of Addiction"(India)
5)	Review Board Member of "Journal of Addiction & Therapies", Gavin Publisher(USA)
6)	Review Board Member of "Journal of Neurology and Experimental Neural Science", Gavin Publisher(USA)
7)	Editorial Board Member of "SRL Brain Disorders & Therapy", (SciRes Literature LLC, USA)
8)	Editorial Board Member of "Clinical reviews on Stroke Management", (Remedy Publications LLC, USA)
9)	Editorial Board Member of "Annals of Neurological Disorders and Stroke", (Remedy Publications LLC, USA)
10)	Editorial Board Member of "Clinics in Stroke", (Remedy Publications LLC, USA)
11)	Editorial Board Member of "International Journal of Cerebrovascular Disease and Stroke".
12)	Editorial Board Member of "Annals of Epilepsy & Seizures".
13)	Editorial Board Member of "Journal of Neurology Forecast".
14)	Review Board Member of "Annals of Indian Academy of Neurology"
<b>Membership of National / International Advisory bodies</b>	
1.	None
<b>Newer Medical / Surgical Treatment Modalities Developed</b>	
1.	<ul style="list-style-type: none"> <li>Involved as key member -Smartphone based HP Tele stroke project: Hub &amp; spoke model for stroke care</li> <li>Pilot project under National program for prevention &amp; control of non-communicable diseases</li> </ul>

	<ul style="list-style-type: none"> <li>Received Best innovation in e-health award in national conference of innovation in Healthcare</li> </ul>
<b>New Departments Established</b>	
1.	<ul style="list-style-type: none"> <li>Established Department of Neurology at Dr. RPGMCH Kangra at Tanda with my colleague from 2014 onwards</li> <li>OPD/IPD/Emergency &amp; Neurology Lab Services were established</li> <li>Got Approval of two DNB(SS) Neurology seats from 2019 onwards</li> <li>Started with single faculty in 2013 working with medicine department &amp; when I left in 2020 we had our own dedicated areas for OPD/various labs/25 bedded neurology ward/2 faculty members, 2 DNB Neurology Acad SR, 4 post MD medicine non Acad SRs, 2 non Acad JRs, 2 Acad JRs on neurology rotation from other departments providing round the clock neurology services</li> </ul>
2.	Currently in process of establishing the Department at AIIMS Bilaspur
<b>New Course Curriculum Developed</b>	
1.	Part of team which prepared UG Curriculum of AIIMS Bilaspur
<b>New Courses Started</b>	
1.	<ul style="list-style-type: none"> <li>Got Approval of two DNB(SS) Neurology seats from 2019 onwards at Dr. RPGMCH Kangra at Tanda</li> </ul>
<b>Patents developed and commercialised</b>	
1.	<p>Collaboration with NIT, Hamirpur</p> <ul style="list-style-type: none"> <li>Idea: Cruise Control for blind Pedestrians by Non- Invasive Muscle Stimulation using Realtime Obstacle Detection and Navigation</li> <li>Final Product: Developed artificially intelligent Qi smart wearable product "Drishti" to help blind people controlling walking direction using EMS</li> </ul>

## 12. Participation in Conferences / symposia/CMEs:

S. No	Name, place, dates, year of activity	International/national/state /institute level	Details of participation
<b>Conference</b>			
1.	ECON January 2014 (Kolkata): National Level		
2.	Neuro-Vision July 2014 (Chennai): National Level		
3.	Brain Heart conference September 2014 (Mumbai): National Level		
4.	IANCON November 2014 (Chandigarh): National Level- <b>Poster Presentation</b>		
5.	ECON February 2015 (Chennai): National Level		
6.	INSC March 2015 (Chandigarh): National Level: <b>Poster presentation</b>		

7. Tropicon April 2015 (Delhi): National Level
8. IANCON October 2015 (Agra): National Level: **oral paper presentation**
9. Asian Epilepsy surgery congress October 2015(Udaipur): International Level
10. AIIMS Neurosciences Alumni Golden Jubilee Congress November 2015(Delhi): National Level
11. STNI Annual Congress December 2015(Gurgaon): National Level
12. NSICON December 2015 (Hyderabad): National Level: **oral paper presentation**
- 13. MDSICON January 2016 (Chennai): National Level: Participated in Video Akahada**
14. International Child Neurology congress January 2016(Chennai): International Level
15. ECON February 2016(VIZAG): National Level
16. International Neurology update February 2016 (Mumbai): National Level
17. Cony- April 2016(Webcast): International Level
- 18. Punjab Neuro-update May 2016(Ludhiana): National Level: Chairperson & Speaker**
19. ICTRIMS June 2016 (Virtual): National Level
20. Epiguard Epilepsy Summit July 2016(Virtual): National Level
- 21. Brainstorm September 2016(Parwanoo): National Level: Speaker**
22. 1st National Meeting on Tenecteplase in Acute Ischemic Stroke October 2016(Delhi): National Level
- 23. World Stroke Congress October 2016(Hyderabad): International Level: Poster presentation**
24. IANCON November 2016(Kolkata): National Level
25. NSICON December 2016(Chennai): National Level: **poster presentation**
26. Headache Master Summit II-IHS/IAN December 2016(Virtual): National Level
27. MDSICON January 2017(Bengaluru): National Level
28. Brain 2017-EAN/ESO Initiative January 2017-Delhi(Virtual): National Level
29. ECON February 2017(Patna): National Level
- 30. INSC March 2017(Amritsar): National Level: oral paper presentation**
31. INTROPICON March 2017(Mumbai): International Level
- 32. Punjab Neuro-update June 2017-Ludhiana:State Level: Chairperson & Speaker**
33. International Update in Neurology July 2017(Kochi): National Level
34. IANCON September 2017-Chennai: National Level
35. Annual Stroke Master class September 2017-Delhi: National Level
36. WCN September 2017-Kyoto(Virtual): International Level

37. NSICON December 2017-Nagpur: National Level: **poster presentation**
38. Brain 2017-EAN/ESO January 2018-Mumbai(Virtual): National Level
39. MDSICON January 2018-Hyderabad: National Level
40. ECON February 2018-Bengaluru: National Level
41. Neurology Update February 2018-Mumbai: National Level
42. INSC March 2018-Delhi: National Level
43. Super EMG March 2018-Trivandrum: National Level
44. UPUK Neuro-con 2018-Jim Corbett(UK): State Level: **Chairperson & speaker**
- 45. PUNCIPS 2018-Dharmashala: State Level: Chairperson & speaker**
- 46. Epi-Quest 2018-Mumbai: National Level: Co-ordinator & speaker**
47. IANCON 2018-Raipur: National Level
- 48. Brainstorm 2018-Imphal: National Level: Co-ordinator & speaker**
49. ICNC 2018-Mumbai: International Level
50. ESOC 2018-Virtual: International Level
51. WSC 2018-Virtual: International Level
- 52. Brain 2018-Mumbai: National Level: Co-ordinator & speaker**
53. AAN Congress 2019(Virtual): International Level
54. Cross-Over 2019: National Level: **Co-ordinator & speaker**
- 55. Brain-Storm 2019: National Level: Co-ordinator & speaker**
- 56. Epi-quest 2019: National Level: Co-ordinator & speaker**
57. ESC 2019(e-participation): International Level
58. WCN 2019(e-participation): International Level
59. IANCON 2019: National Level: **Poster presentation**
60. NUM 2020: National Level
61. EAN 2020(Virtual): International Level
62. International MDS Congress 2020(Virtual): International Level
63. Cony 2020(Virtual): International Level
64. AIIMS-PGI Neurology update 2020(Virtual): National Level
65. IAN-CNPcon 2020(Virtual): National Level
66. VANU 2020(Virtual): National Level

67. 3rd AIIMS/PGI Neurology Update in December 2021: National Level
68. National Virtual Annual Conference of Tropical Neurology Subsection of Indian Academy of Neurology in March,2021: National Level: **poster presentation(Won First Runner up Prize)**
69. Brainstorm 2021/CME Foundation of India: National Level: **Co-ordinator & speaker**
70. AAN 2021, American Academy of Neurology, Virtual, April 17-23, 2021: International Level
71. AOPMC 2021, International Parkinson Disease & Movement Disorder Society, June 4-6, 2021: International Level
72. AOCNR 2021, Asian Oceanian Society of Neuro-rehabilitation, August 6-8, 2021: International Level: **Poster presentation(Won First Prize)**
73. UPUK Neuro-con 2021, UPUK Neurosciences Society, August 7-8, 2021: State Level: **Chairperson**
74. MDS Virtual Congress 2021, International Parkinson Disease & Movement Disorder Society, September 17-22, 2021: International Level
75. CoNy 2021, World Congress on Controversies in Neurology, September 23-26, 2021: International Level
76. WCN 2021, World Federation of Neurology, October 7-10, 2021: International Level: **poster presentation**
77. IANCON 2021, Indian Academy of Neurology, November 11-14, 2021: National Level
78. APSC 2021, Asian Pacific stroke organization, December 9-11, 2021: International Level: **poster presentation**
79. NSICON 2021, Neurological Society of India, December 10-12, 2021: National Level: **poster presentation**
80. Chennai Neuro-update Jan 9/22: National Level
81. International sleep update 2022, Feb26-27: National Level
82. International Conference on Advances in Migraine Sciences, March 2022, 10-12: International Level
83. 16th World Congress on Controversies in Neurology (CONy) on March 24-27, 2022: International Level

#### **CME/Symposium**

- 1) Research Methodology Course-Designing Clinical Research (AIIMS, Delhi-January 2011): National Level
- 2) Evidence Based Medicine Course (AIIMS, Delhi-February 2011): National Level
- 3) International Epilepsy workshop (GBPH, Delhi-Feb 2012): National Level
- 4) Botulinum injection Course (AIIMS, Delhi-September 2012): National Level
- 5) AOS-MDS Teaching Course (AIIMS, Delhi-October 2012): National Level: **Case Presentation**
- 6) Stroke Summer School (ISA, Shimla-June 2013): National Level: **Case Presentation**
- 7) IAN Summer School (AIIMS, Delhi-July 2013): National Level: **Case Presentation**
- 8) HPAPICON Midterm CME April 2014(Hamirpur): State Level: **Speaker**

- 9) ASEPA-ASNA EEG Certification (Delhi-December 2013): National Level
- 10) Indian Epilepsy School (ILAE/IES, Hyderabad-September 2014): National Level
- 11) Headache Master School (IHS, Mumbai-December 2014): National Level
- 12) International Nerve Muscle Workshop (GBPH, Delhi-February 2015): National Level
- 13) NIHSS Certification-1(AHA/ASA-March 2015): International Level
- 14) Neuro-intervention Workshop (ISA-March 2015): National Level
- 15) Neuro-sonology Workshop (ISA-March 2015): National Level
- 16) Neurorehabilitation Workshop (ISA-March 2015): National Level
- 17) BLS/ACLS Certification (AHA-June 2015): National Level
- 18) Stroke Summer School (ISA, Munnar-August 2015): National Level: Case Presentation**
- 19) NIHSS Certification-2(AHA/ASA-September 2015): International Level
- 20) Neurology of Spine Course (FINE-April 2016): National Level
- 21) Cognitive Neurology Course (FINE-May 2016): National Level
- 22) Neuromuscular Course (FINE-June 2016): National Level
- 23) Critical Neurology Course (BNET-June 2016): National Level
- 24) Movement Disorders Course (FINE-August 2016): National Level
- 25) UPDRS Training Program & Certification (IPMDS-September 2016): International Level
- 26) UDYSRS Training Program & Certification (IPMDS-September 2016): International Level
- 27) Research Methodology (WSO-October 2016): International Level
- 28) Vascular Cognitive Impairment (WSO-October 2016): International Level
- 29) Gender Based Issues in Neurology (IAN-November 2016): National Level
- 30) Pharmacotherapy in Epilepsy (IES-November 2016): National Level
- 31) Progress in Clinical Neurosciences (NSI-December 2016): National Level
- 32) Pitfalls & Pearls in Practice of Headache Medicine Course-International Headache Society (IHS-December 2016): International Level
- 33) Evidence Based Medicine Course-Advanced Centre for EBM, PGIMER Chandigarh (December 2016): National Level
- 34) 200 years of Parkinson's Disease: From James to Genes (MDSI January 2017): National Level
- 35) Epilepsy in Critical Care (IES/IEA-February 2017): National Level
- 36) Post Stroke Spasticity (ISA-March 2017): National Level
- 37) Neuro-immunology CME-July 2017(Chandigarh): National Level



- 38) HP Tele stroke CME September 2017-Shimla: State Level: **Speaker**
- 39) Neuro-urology (KAN/INUS-July 2017): National Level
- 40) Neuro-Immunology Course(PGIMER, Chandigarh-July 2017): National Level
- 41) Neuro-ophthalmology Course (Forum for Indian Neurology Education(FINE)-August 2017): National Level
- 42) Neuro-otology Course (Forum for Indian Neurology Education(FINE)-August 2017): National Level
- 43) NIHSS Certification-3 (American Academy of CME(AACME)-August 2017): International Level
- 44) Neuro-intervention in acute stroke workshop (Indian Stroke association(ISA)-August 2017): National Level
- 45) Transcranial Doppler Workshop (Indian Stroke association(ISA)-August 2017) : National Level
- 46) Stroke Summer School (Indian Stroke association(ISA)-August 2017): National Level: **Case Presentation**
- 47) Online CCS (Etiologic Stroke Classification of the 21<sup>st</sup> Century) Certification of Harvard Medical School, USA-September 2017: International Level
- 48) Electrophysiology workshop (Brachial Plexus studies and Autonomic Function Testing)-IAN-September 2017: National Level
- 49) Botulinum toxin workshop- Indian Academy of Neurology(IAN)-September 2017: National Level
- 50) Cognitive & Behaviour Neurology Course-Annual CME of Indian Academy of Neurology(IAN)-September 2017: National Level
- 51) Practical Management of Headache-PGI October 2017-Chandigarh: National Level
- 52) Progress in Clinical Neurosciences Course-Annual CME of Neurological Society of India(NSI)-December 2017: National Level
- 53) MDS-AOS Ambassador Programme -Movement Disorders Society of India(MDSI)-Jan 2018: National Level
- 54) Diagnostics in Neurology-Neurology Foundation Mumbai-Feb 2018: National Level
- 55) Adverse Events of Epilepsy Management-Indian Epilepsy society(IES)/Indian Epilepsy Association(IEA)-Feb 2018: National Level
- 56) Post Stroke Rehab-Indian Stroke Association(ISA)-March 2018: National Level
- 57) International EMG/SFEMG/QEMG workshop & Neuromuscular Symposium-SCTIMST, Trivandrum-March 2018: National Level
- 58) Operational Research Methodology Workshop-Manali(ICMR)-April 2018: National Level
- 59) Movement Disorders Course- PGIMER, Chandigarh-April 2018: National Level
- 60) Neuro-Immunology Course- PGIMER, Chandigarh-June 2018: National Level
- 61) Neurotrauma Course-Neurological Society of India(NSI)-July 2018: National Level
- 62) Clinical Trial Development & Management Workshop-INSTRuCT Network(ICMR)-July 2018: National Level: **Won First Prize in LOI Competition**
- 63) Epilepsy School-Indian Epilepsy society(IES)-August 2018: National Level
- 64) Epilepsy Course -Forum for Indian Neurology Education(FINE)-August 2018: National Level
- 65) Stroke School -Indian Stroke association(ISA)-September 2018: National Level

- 66) Headache Course –International Headache Society(IHS)-December 2018: International Level
- 67) Neurogenetics/Neuroimmunology Course from Neurology Foundation-Mumbai-Feb 2020: National Level
- 68) Virtual ASPEN Course, International Parkinson Disease & Movement Disorder Society, July 25-29, 2021: International Level
- 69) MEU Workshop: CBME & EPA 2/7/21: Institute Level(**Organiser**)
- 70) Hand on workshop on Cochrane Library(6-8-21) Cochrane India Network, PGI: National Level
- 71) Workshop on GCP & NDCT rules 2019(1-9-21), AIIMS Bilaspur: Institute Level(**Organiser**)
- 72) MDS-PAS: Pearls & Pitfalls in MD 16-9-21: International Level
- 73) MDS-AOS: Basic science summer school-2021: International Level
- 74) CME on AMSP 27-11-2021, AIIMS Bilaspur: Institute Level
- 75) Attainment of quality benchmarks in medical education: Responsibilities of a health institution: Dec 3-4/2021(KGMU Lucknow): National Level
- 76) Hyperkinetic Movement Dis orders: From Neurophysiology to Clinical Practice/12 Dec 2021: International Level
- 77) BMJ master class: Preventive treatment of Migraine: March 12,2022: International Level
- 78) Paediatric immunology course (Inborn Errors of Immunity)-17-4-22: National Level
- 79) Calgary Stroke Distance learning Programme(CASTLE)/Endorsed byISA-14 Modules: International Level

<b>Organisation of Conferences / symposia/CMEs</b>		
<ul style="list-style-type: none"> <li>• National Level: Course Co-Ordinator for three annual programs of Asian Society of Continuing Medical Education &amp; CME Foundation of India (Brainstorm / Epi-Quest /Cross-Over): 2 &amp; ½ day weekend educational programs since 2018/one CME in 4 months. Registrations limited for 75 delegates (Neurology DM/DNB Trainees)</li> <li>• State level: Him Neuro learn Forum: 1 &amp; ½ day weekend course for Medicine &amp; allied PG since 2016/ once in 4 months. Registrations limited for 30 delegates</li> </ul>		

**13. Honours / Awards & Fellowships for Outstanding Work:**

S. No.	Name of Award/Fellowship	Awarded by	Year of Award
<b>Honours / Awards</b>			
International			
1.	None		
National			
2.	Gold medal for standing first in subject of pharmacology	HPU Shimla	2003
3.	Gold medal for standing first in subject of Medicine	HPU Shimla	2003
4.	Gold medal for securing highest marks in	HPU Shimla	2003

	annual Final MBBS examination		
5.	Gold medal for Best MBBS Graduate (Year of Passing 2003)	HPU Shimla	2003
6.	Him-Utkarsh Society award for State MBBS Topper	Him-Utkarsh Society,(HP)	2004
7.	Best innovation in e-health award	National conference of innovation in Healthcare	2016
<b>Fellowships</b>			
International			
1.	FEAN	European Academy of Neurology	2019
2.	FEBN	European Board of Neurology	2017
3.	MRCP(UK)	European Academy of Neurology	2015
National			
4.	None		

#### 14. Strengths:

I have a meritorious academic carrier: I am a MBBS Gold medallist, maintained first position throughout the MBBS study & was declared as Best MBBS Graduate.

Postdoctoral Training:

I have received training for DM Neurology (2013) from prestigious AIIMS, New Delhi.

Additional Certifications after Post-doctoral degree:

- 1) Specialty Certification Examination Neurology-RCP(UK)2015/Awarded MRCP(UK)
- 2) Fellow European Board of Neurology/2017
- 3) Fellow European Academy of Neurology/2019

Clinical & Teaching experience:

Total Experience after obtaining qualifying degree till last date of application i.e. 15-02-2022: 7 years/11 months/26 days). Since 23/11/20 I have been working in this institute as Associate Professor.

Research Experience:

Research Publications in peer reviewed indexed journals: 33(including 5 which are accepted for publication).

Presently I am involved in seven extramural Research Projects (Multi-Centre high quality RCT in field of stroke with approved funding) at AIIMS Bilaspur. I have become a part of prestigious INSTRuCT Network. Signed MoU with NCDIR-ICMR Bengaluru for Hospital Based Stroke Registry at AIIMS Bilaspur as a part of National Stroke Registry. I am in process of being involved in National MS Registry.

I am a broad-spectrum neurologist with special interest in practical neurology & providing neurology services to rural population in resource limited setting.