

Dr. KALYAN B BHATTACHARYYA
MD, DTM & H, DM, MAMS

PROFESSOR, DEPARTMENT OF NEUROMEDICINE
BURDWAN MEDICAL COLLEGE, WEST BENGAL

Name : Kalyanbrata Bhattacharyya

Address : “Amrapali Point”, Flat 1C
59F, Bosepukur Road
Kolkata 700 042

Designation: Professor & Head,
Department of Neuromedicine,
R G Kar Medical College & Hospital,
Kolkata, West Bengal, India

Date of Birth : 11.12.1954

Marital Status : Married

Address for Correspondence :

‘Amrapali Point’, Flat 1C
59F, Bosepukur Road,
Kolkata 700 042

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Academic Attainments

1. Higher Secondary Examination from Ballygunge Jagadbandhu Institution under the Board of Secondary Education in 1971. Awarded Prafulla Chandra Ghosh Prize for being the best student from school. Recipient of 'Star' marks and obtained National Scholarship.
2. Pre-Medical Examination from Maulana Azad College in 1972. Placed in 1st Division.
2. MBBS from Medical College, Calcutta under Calcutta University, 1973-79
3. DTM & H from School of Tropical Medicine, Calcutta under Calcutta University, 1982-83
4. MD (General Medicine) from University College of Medicine, Calcutta University, 1983-85
5. DM (Neurology) from Institute of Postgraduate Medical Education & Research, Calcutta University, 1989-91
6. Clinical Assistant (Intermediate Course in Neurology) in Institute of Neurology, Queen Square, London, in 1994. Selected for the fellowship by Neurological Society of India & Queen Square Alumni Association of India
7. Visiting Fellow in King's College, London in 1998

Academic Distinctions

Earned the following medals, prizes, scholarships & awards from Medical College Calcutta, School of Tropical Medicine & Calcutta University

1. Medical College, Calcutta

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|---|--------------------------|
| a) Gold Medal in Pathology | Best student of the year |
| b) Gold Medal in Obstetrics & Gynaecology | Best student of the year |
| c) Gold Medal in Forensic & State Medicine | Best student of the year |
| d) Anandalal Sanyal Prize in Midwifery
(Junior Goodeve's Prize) | |
| e) College scholarship and free tuition for 2 nd
3 rd & 5 th year | |

2. School of Tropical Medicine, Calcutta

- a) Stipend and free tuition fee for standing 2nd in the entrance examination
- b) Chunilal Bose Medal for securing the first position in the final examination

3. Calcutta University

- a) Lakshmimoni Devi Medal for securing the first position in the final DTM & H examination
- b) Distinction in 1st MBBS, Physiology and Obstetrics & Gynaecology

4. National Academy of Medical Sciences

Elected Member of the National Academy of Medical Sciences (MAMS) in 1998

Invited Speaker in Zonal, National & International Conference

ZONAL

- a) Acute Infections of the Central Nervous System. Association of Physicians of India (West Bengal Branch) in Siliguri, 1990
- b) Investigations & Localization of Lesions in Orthostatic Hypotension . 8th annual conference of the Association of Neuroscientists of Eastern India (ANEI) in Cuttack, 1994
- c) Social Aspects of Epilepsy. Symposium, Indian Epilepsy Association (W B Chapter) , Calcutta, 1994
- d) Multiple System Atrophy & Autonomic Dysfunctions . 9th annual conference of ANEI, Dibrugarh, 1995
- f) Lennox-Gastaut Syndrome : Continuing Medical Education Programme, 11th annual conference of ANEI, Ranchi, 1997
- g) An Approach to the Diagnosis & Management of Movement Disorders. Invited Teacher for API (W B Chapter) for MD (General Medicine) Postgraduate trainees, 1998
- h) Social Aspects of Epilepsy. Annual Conference of B R Singh Hospital, Calcutta, 1999
- i) Diagnosing Epilepsy. Joint Conference by API (W B Branch) and Indian Epilepsy Association (W B Branch) , 1999
- j) Fungal Infections of Central Nervous System. Indian Academy of Clinical Medicine (W B Branch), 1999

- k) Neurological Involvement in Systemic Lupus Erythematosus. Indian Academy of Clinical Medicine, (W B Chapter), 1999
- l) Critical Care Neuropathy & Encephalopathy. Indian Critical Care Society (W B Branch), 1999
- m) Dementia & Extrapyrmidal Disorders. Symposium in 13th annual conference of ANEI, 1999
- n) Recent Advances in Management of Ischaemic Stroke. Indian Critical Care Society (W B Chapter), 2000
- o) Movement Disorders in Eminent People. CME Programme in 15th annual conference of ANEI, Ranchi, 2001
- p) Management of Diabetic Neuropathy. Annual Conference of Diabetic Association of India, (W B Chapter), Calcutta 2001
- q) Management of Critically Ill Neurological Patients. Annual conference of Indian Critical Society (W B Chapter), Calcutta, 2001
- r) Huntington's Disease: A Journey Through Time . Annual Conference of Association of Neuroscientists of Eastern India, Patna 2002
- s) The Life and Works of Joseph Babinski. Annual Conference of Association of Neuroscientists of Eastern India, Imphal 2003
- t) Evolution in the understanding of human reflex. Annual Conference of Association of Neuroscientists of Eastern India, Bhubaneshwar, 2004

- u) The life and works of William Gowers. Annual conference of Association of Neuroscientists of Eastern India, Bolpur, 2006

NATIONAL

- a) Dopamine Receptors & Dopaminergic Transmission System in the Brain. Continuing Medical Education Programme (CME) , 45th annual conference of Neurological Association of India (NSI), 1996

- b) Incidence of Peripheral Neuropathy and Autonomic Neuropathy in Diabetes Mellitus and Possible Correlation with Special Reference to Glycaemic Control. 5th annual conference of Indian Autonomic Society , Hyderabad, 1998

- c) Autonomic Dysfunctions in Multiple System Atrophy. 5th annual conference of Indian Autonomic Society, Hyderabad, 1998

- d) An Approach to the Understanding of Tremor. CME Programme , 6th annual conference of Indian Academy of Neurology (IAN) , Hyderabad, 1998

- e) Critical Care Neuropathy. Annual Conference of Critical Care Society of India, Calcutta, 1999

- f) Affective & Cognitive Dysfunctions in Parkinson's Disease. CME Programme, 48th annual conference of NSI, Hyderabad, 1999

- g) Evolution in the Understanding of Parkinson' Disease. CME Programme, 49th annual conference of NSI, Chennai, 2000

- h) Wilson's Disease Through the Ages. CME Programme , 9th annual conference of IAN, New Delhi, 2001
- i) Immunopathogenesis and Pathology of Neural Involvement in Leprosy. Guest Speaker in National Symposium to celebrate the 25th year of King George's Medical College, Lucknow, 2002
- j) Evolution in the understanding of Parkinson's disease. Mid-term CME Programme of NSI, New Delhi, 2002
- k) Chairman, Symposium on Parkinson's disease, held at Bangalore, Annual conference of IAN, 2006
- l) Newer anticonvulsants. CME programme of NSI, Madurai, 2006
- m) Nonmotor Symptoms in Parkinson's Disease & Quality of Life. Agra 2007
- n) Dementia and Parkinson's Disease, held at New Delhi, Annual Conference of Indian Academy of Neurology, 2008

INTERNATIONAL

- a) British Neurology & Movement Disorders. Mansell Bequest Symposium, organized by World Federation of Neurology, History of Neurosciences Group, London, 1998
- b) Video Presentation of "Unusual Movement Disorders in India" , at Institute of Neurology, Queen Square, London, 1998
- c) "DO" Mathopar House, King's College, London, 1998

- d) Evolution in the Understanding of Behavioral Neurology. Delivered in the Update on Alzheimer's Disease and Dementia, Kolkata 2003
- e) Parkinson's Disease in Eminent People. Delivered in Mumbai, December 2003, in the International Symposium on Parkinson's Disease and other Movement Disorders.

ORATIONS

1. Professor S R Maitra Oration in the Annual Conference of Indian Physiological Society, 2002
2. Dr. K K Sinha Oration, delivered for Ranchi Academic Society in August, 2011

Publications

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|---|---|-------|-------|------|
| 1. Indian Journal of Dermatology | Preliminary Observations on Good Response to Busulphan in an Advanced Case of Extensive Psoriasis | 37-39 | 28: 1 | 1983 |
| 2. Journal of Indian Medical Association | Lymphocytoma Cutis with Meningeal Involvement | 218-9 | 6 | 1984 |
| 3. Neurology India | Chronic Progressive External | 338 | — | 1990 |

		Ophthalmoplegia				
4. Neurology India	Familial Progressive Bulbar Palsy	158	38	1990		
5. Neurology India	Recurrent Pyogenic Meningitis Due to Defect in Frontal Roof Sinus	492	38	1990		
6. Postgraduate Medicine, CME, APICON, 1990	Electroencephalography – Clinical Applications & Limitations	88-90	–	1990		
7. Advances in Clinical Neurosciences	Investigations & Localization of Lesions in Orthostatic Hypotension	15-20	–	1994		
8. Newer Horizons in ANS Disorders	Neurology of the Urinary Bladder in Health & Disease	51-60	–	1995		
9. Newer Horizons in ANS Disorders	Multiple System Atrophy	28-36		1995		
10. Advances in Clinical Neurosciences	Evolving Concepts in Pathophysiology of Vasovagal Syncope	161-65	5	1995		
11. Advances in Clinical Neurosciences	Management of Orthostatic Hypotension	293-302	5	1995		

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12. Advances in Clinical Neurosciences	Autonomic Dysfunctions in Disorders of Peripheral Nervous System	325-38	5		1995
13. Advances in Clinical Neurosciences	Medical Management of Parkinson's Disease : Current Thoughts & Future Directions	589-605	6		1996
14. Progress in Clinical Neurosciences	Dopaminergic System & Dopamine Receptors in Brain	19-33	11		1996
15. Journal of Association of Neuroscientists of Eastern India	Huntington's Disease: Journey from 1872-1995	100-06	2		1996
16. Indian Journal of Pathology & Microbiology	Hand-Schuller-Christian Disease: An Unusual Case	87	-		1996
17. Journal of Indian Medical Association	Electrocardiographic Abnormalities in Duchenne Muscular Dystrophy	40-42	95		1997
18. Advances in Clinical Neurosciences	The Optic Nerve in Health and Disease	303-15	7		1997

19. Advances in Clinical Neurosciences	Epilepsy: Some Settled Facts and Some Contentious Issues	375-92	7	1997
20. Advances in Clinical Neurosciences	Lennox-Gastaut syndrome: An Account	393-400	7	1997
21. Advances in Clinical Neurosciences	Myoclonus: An Update	415-35	7	1997
22. Progress in Clinical Neurosciences	Myoclonic Epilepsy: Interface Between Movement Disorders and Epilepsy	89-99	12	1997
23. Reviews in Neurology	Essential Tremor: Recent Understanding Pathophysiology and Management	21-28	–	1998
24. Neurosciences Today	Multiple System Atrophy- A Clinical Account	80-82	III	1999
25. Neurosciences Today	Autonomic Dysfunctions in Diabetes Mellitus	72-75	III	1999
26. Progress in Clinical	Affective & Cognitive			

Neurosciences	Dysfunctions in Parkinson's Disease	296-314	14	1999
27. Annals of Indian Academy of Neurology	Essential Myoclonus Responding well to Fluoxetine. Segmental	139-41	2	1999
28. Journal of Association of Physicians of India	Neuroleptic Syndrome (Letter to the Editor) Malignant	940	47	1999
29. Update in Neurology	Excessive Daytime Sleepiness	160-64	-	2000
30. National Bulletin on Parkinson's Disease	Management of Parkinson's Disease : Post-Levodopa Era	2-7	-	2000
31. Journal of Association of Physicians of India	Alien limb Phenomenon (Letter to the Editor)		48	2000
32. Neurology India	Sporadic Paroxysmal Exercise induced Dystonia : Report of a Case & Review of the Literature	401-2	48	2000
33. Selected Topics in Movement Disorders	A Study on Some Aspects of Dystonia	55-62	-	2000
34. Reviews in Neurology	Wilson's Disease Through the		8	2001

	Ages : Some Seminal Milestones	1-14		
35. Some Aspects of History of Neurosciences	Tourette Syndrome in Eminent People	95-112	—	2001
36. 20th Century Neurology—The British Contribution//	Movement Disorders	129-51	Imperial College Press, London	2001
37. Clinical Immunology//	Growth of Immunology and notes on some major neuroimmunological disorders.	34-53	JANEI	2002
38. API Textbook of Medicine	Cervical & Lumbar Spondylosis	885-87	7	2003
38. Neurology India	Orthostatic Tremor : Report of A Case & Review of the Literature	91-93	51	2003
39. Update in Neurology	Immunopathology & Pathogenesis of Neural Involvement in Leprosy.	99-110	---	2002

40. The Lancet Neurology	Affective and Cognitive Dysfunctions in Parkinson's Disease : Perspectives from the Developing Nations.				In Press
41. Reviews in Neurology	Evolution in the Understanding of Huntington's Disease: From Antiquity to the Present Day	43-52			2002
42. Progress in Clinical Neurosciences	Control Systems for Ocular Movements in the Brain Stem and their Disorders	343-56	12		2002
43. Some Aspects of History of Neurosciences	Joseph Babinski: The Master Clinician	51-59	3		2003
44. API Post Graduate Medicine	Dementia – Current Status				2003
45. Acta Neurologica Scandinavica	Bobble Head Doll Syndrome: Some Atypical Features With A New Lesion & Review of the Literature	216-20	108		2003
46. Autonomic Review	Autonomic Nervous System in the Primordial Days (Guest	4-5	6		2002

	Editorial)			
47. Journal of Association of Physicians of India	Weekend Headache: A Rare Variant of Migraine			In Press
48. Journal of Association of Physicians of India	Wilson's Disease	95-96	52	2004
	(Letter to the Editor)			
49. Neurology India				
	Becker's Variant of Myotonia Congenita in Two Siblings:	363-64	52	2004
50. Advances in Clinical Neurosciences//	Learning Disorders: A Review	171-82	14	2004
51 . Neurology India				
	Acute Myopia Induced by Topiramate: Report of A Case and Review of the Literature	108-09	53	2005
52. Journal of Neurology and Neurosurgery and Psychiatry//	Wilson's disease: diagnostic errors and clinical implications (Electronic letter) Original Article Ref: 2004; 75: 907-909	31.1.05		2005
53. Parkinson's Disease and Movement Disorders				

	The life and works of James Parkinson	1-5		2005
54. Parkinson's Disease and Movement Disorders		298-		2005
	Restless Legs Syndrome	305		
55. Parkinson's Disease and Movement Disorders				2005
	The Paroxysmal Dyskinesias	313-16		
56. Progress in Clinical Neurosciences		215-28	21	2006
	Diabetic neuropathy: An overview	347-60		2006
57. DO	Frontotemporal dementia	437-44	21	2006
	Intellectual and motor regression in children	91-98	21	
58. DO	Neuropsychiatric aspects of Huntington's disease		21	2006
59. DO	Non-motor symptoms of Parkinson's disease:	115-122	22	2007
60. DO	diagnosis and management			
61. DO	Recent trends towards the management of neurocysticercosis	35-44 69-80	23	2008

62. Reviews in Neurology	Dementia in Movement Disorders		2008
63. Neurology	International Study on the Psychometric Attributes of the Non-motor Symptoms Scale in Parkinson's Disease	1584-91 73	2009

Other Relevant Particulars

1. On the nomination of Neurological Society of India obtained training in Advanced Neurology at the Institute of Neurology, Queen Square, London in 1994
2. Visiting Fellow in Movement Disorders Unit, King's College, London, in 1998
3. Peer Reviewer, The Lancet Neurology, Journal of Pediatric Neurology, Journal of Pediatric Neuroradiology, Neurology India, Journal of Indian Medical Association
4. Appointed Referee by the Editor, "Neurology India", "Journal of Indian Medical Association" – for evaluation of articles
5. Appointed Conductor, Diplomate of the National Board Examination, 1989
6. Appointed Theory examiner, Paper setter, Oral and Practical Examiner and Thesis examiner for Diplomate of the National Board Examinations, 2004
7. Appointed Thesis Guide and Thesis Examiner for MD (General Medicine) in Calcutta University
8. Member, Executive Committee, Neurological Society of India, 2005-2008

9. Convener CME, Neurological Society of India, 2006-200
10. Member, Editorial Board, Neurology India, 2006
11. Secretary, Association of Neuroscientists of Eastern India, since 2006
12. Convener, Symposium of Neurological Society of India, 2007, 2009

8. **National/International Collaborative Research Projects :**

- a) Indian Council of Medical Research : Invited as Principal Investigator to conduct research work on Movement Disorders
- b) Study of ethnic variation in Parkinson's disease: In collaboration with Movement Disorders Unit, King's College, London
- c) Pattern of non-motor complications of Parkinson's disease in India Europe and United States of America: In collaboration with Movement Disorders Unit, King's College, London
- d) Genetic study of Hereditary Ataxias and phenotypic correlations. With Bhabha Atomic Research Center, Cell Biology Division, Trombay, Mumbai. (Results awaiting Publication)
- e) Member, International Parkinson's Disease Nonmotor Group. From 2006.
- f) Member, Archives Committee of International Movement Disorders Society, since 2009
- g) Peer Reviewer for Journal of Indian Medical Association, Neurology India, The Lancet Neurology, Journal of Paediatric Neurology, etc.
- h) Member, Editorial Board, of the journal Basal Ganglia, since 2011

9. Editor of Books/Journals:

- a) Some Aspects of Movement Disorders—An Update.
Editor, 2000
 - b) Update in Autonomic Nervous System Disorders—
Executive Editor, 1999
 - c) Parkinson's Disease and Movement Disorders— A
compilation of articles on movement disorders from experts
in India and abroad, at the time of the International
conference on Parkinson's Disease and Movement
Disorders, December, 2003. Published in 2005
 - d) Eminent Neuroscientists: their lives and works. Published
in January, 2011
 - e) Volume of Scientific Abstracts for 45th Annual Conference
of Neurological Society of India, 1996—Co-editor
 - f) Journal of Association of Neuroscientists of Eastern India
Associate Editor, from 1996 to 2000
 - g) Joint Convener, Continuing Medical Education,
Association of Neuroscientists of Eastern India, from 2004
 - h) Joint Convener, Continuing Medical Education,
Neurological Society of India, from 2006 to 2009
10. Elected Overseas Member of Association of British Neurologists, 1999
11. Appointed member of the Governing Council of Parkinson's disease and
other Movement Disorders Society of India, 2001, till date

**WORKS IN PROGRESS & PAPERS PRESENTED IN VARIOUS
NATIONAL & ZONAL CONFERENCES**

1. Study of F wave – its scatter, amplitude and duration in motor neuron disease – Presented in 43rd annual conference of Neurological Society of India (NSI), Bangalore, 1994
2. Study of the central nervous system in diabetes mellitus by evoked potential studies – a preliminary report. Presented in the annual conference of NSI, New Delhi, 1995
3. Epidemiological Survey of motor neuron disease in some parts of West Bengal—presented in the annual conference of the Association of Neuroscientists of Eastern India, (ANEI) Cuttack, 1994
4. Electrocardiographic and echocardiographic abnormalities in the 1st degree relatives of patients with Duchenne Muscular Dystrophy. Presented in the 45th annual conference of Association of Physicians of India (API), Jabalpur, 1990
5. Partial Seizures—a study of 100 cases. Presented in the 45th annual conference of NSI, New Delhi, 1995
7. Affective and cognitive dysfunctions in Parkinson's disease. Presented in the 44th annual conference of NSI, Calcutta, 1994
8. James Parkinson & his disease—a historical narrative. Presented in the 45th annual conference of NSI, Calcutta, 1996
9. Joseph Babinsky—a tribute. Presented in 46th annual conference of NSI, Jaipur, 1997.
10. The life & works of Kinnier Wilson. Presented in 47th annual conference of NSI, Trivandrum, 1998

11. Huntington's disease—from clinics to genetics. Presented in the 48th annual conference of NSI, Hyderabad, 1999
12. Critical Care Neuropathy. Presented in the annual conference of Critical Care Society of India, 1999
13. The life & works of Jean-Martin Charcot. Presented in the 49th annual conference of NSI, Chennai, 2000
14. Hughlings Jackson—the father of British neurology. Presented in the 50th annual conference of NSI at Mumbai, 2001
15. Movement disorders in eminent people. Presented in the 15th annual conference of ANEI, Ranchi, 2001
16. Unusual presentations of tuberculosis of the central nervous system. Presented in the World Congress of World Federation of Neurosurgery, Sydney , 2001
17. Ethnic variations in the manifestations of Parkinson's disease. Presented in the 10th annual conference of Indian Academy of Neurology, Lucknow, 2002
18. Quality of sleep in Parkinson's disease. Presented in the 51st annual conference of NSI, Cochin, 2002
19. The founders of study in the autonomic nervous system. Presented in the 51st annual conference of NSI, Cochin, 2002
20. The role of oral Amantadine in the management of levodopa induced dyskinesias in Parkinson's Disease. Presented in the annual conference of Indian Academy of Neurology, Vishakhapattanam, 2003.

MAJOR ORGANISATIONAL ACTIVITIES

1. Member, Scientific Sub-committee, annual conference of Association of Neuroscientists of Eastern India, 1988
2. Member, Scientific Sub-committee, annual conference of Association of Physicians of India, 1989
3. Convener, Souvenir Sub-committee, annual conference of Association of Neuroscientists of Eastern India, 1992
4. Assistant Secretary, annual conference of neurological society of India, 1996
5. Joint Secretary, annual conference of Association of Neuroscientists of Eastern India, 1996
6. Treasurer, International movement disorders workshop, 1996
7. Joint Secretary, annual conference of Indian Academy of Neurology, 1999
8. Convener, Audiovisual Sub-committee, annual conference of Association of Physicians of India, 1999
9. Organizing Secretary, 1st, 4th & 5th annual conference of Indian Autonomic Society, 1994, 1997, 1998
10. Organizing Secretary, annual conference of Association of Neuroscientists of Eastern India, 2000
11. Programme Coordinator, national symposium on movement disorders, 2000
12. Joint Secretary, Queen Square Alumni Association of India, since 1994
13. Secretary, Indian Autonomic Society, 1997 to 1999
14. Secretary, Association of Neuroscientists of Eastern India. From 2006
15. Executive Member, Association of Neuroscientists of Eastern India, 1996-1998
16. Executive Member, Indian Epilepsy Association, 1995 till date
17. Convener, Symposium on Neuromedicine, Annual Conference of Association of Neuroscientists of Eastern India , Bhubaneswar, 2004
18. Convener, Medical Symposium, Neurological Society of India, annual conference, Agra, 2007

19. Organizing Secretary, International Neurophysiology and Electrodiagnosis Workshop, Kolkata 2006
20. Programme Co-ordinator, International Update on Movement Disorders, organized under the aegis of World Federation of Neurology, Movement Disorders Group and Association of Neuroscientists of Eastern India, 2011

MEMBERSHIP OF MEDICAL SOCIETIES

1. Indian Medical Association
2. Association of Physicians of India
3. Neurological Society of India
4. Indian Academy of Neurology
5. Indian Epilepsy Association
6. Indian Society of Parkinson's Disease
7. Multiple Sclerosis Society of India
8. Association of Neuroscientists of Eastern India
9. Indian Autonomic Society
10. Indian Society for Critical Care Medicine
11. Medical College Ex-Students' Association
12. Queen Square Alumni Association
13. Association of British Neurologists
14. Movement Disorders Society
15. International Parkinson's Disease Non Motor Group
16. Parkinson's Disease and Movement Disorders Society of India

