

## **DR. ADITI BANDYOPADHYAY**

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### **Profession**

A medical faculty, a physiologist & physician, an Indian classical dancer (Odissi) and a certified Dance and Movement Therapist working with persons having neurodevelopmental disabilities. Leads SAMYA Foundation, a nonprofit charitable trust for special needs as its Managing Trustee.

### **Education**

**West Bengal University of Health Sciences  
KPC Medical College & Hospital  
MD in Medical Physiology (2015-2018)**

**University of Calcutta  
Calcutta National Medical College  
Bachelor of Medicine and Surgery, MBBS  
(1998-2003, 2003-2004- Internship)**

**TATA Institute of Social Sciences, Mumbai  
Certified as Dance and Movement Therapy practitioner  
(2014-2016)**

**University of Missouri,  
USA,  
Student in MPH program (completed 32 credit hours  
2009-2012)**

### **Professional Experience:**

- Medical faculty in West Bengal University of Health Sciences at Institute of Post Graduate Medical Education & Research, Kolkata from 20/2/2020- present.
- Medical Faculty at R. G. Kar Medical College & Hospital from 17/6/2019 till 5/2/2020
- Medical faculty at Rampurhat Govt Medical College & Hospital from 9/1/2019 till 16/6/2020. Joined **West Bengal Medical Education Service** on 9/1/2020.
- Senior Resident at Stroke Unit under Neuroteam at AMRI Hospital, Mukundapur from May, 2015 till December, 2017.

- Registrar in Critical Care Medicine at AMRI Dhakuria, AMRI Mukundapur. Worked in ICU, ICCU, PICU from 2012- 2014.
- Research Scientist II at National Institute of Cholera and Enteric Diseases in their H1N1 Influenza Surveillance Project, under Center for Disease Control & Prevention from 12<sup>th</sup> June, 2012 till 30<sup>th</sup> June, 2013.
- Observership at Thompson Center for Autism, Columbia Missouri in the department of Paediatrics under Dr Tracy Stroud from 2009-2011.
- Junior Resident of Critical Care Medicine at AMRI Dhakuria at HDU from 2005-2007.
- Junior Resident of Neurosurgery, at Apollo Gleneagles Hospital, from 2004-2005.

#### A. Teaching Experience:

##### At different Universities in India:

- **Medical Faculty at West Bengal University of Health Sciences** teaching Undergraduate and Post Graduate students of medical sciences in MBBS and MD (Physiology) program
- **Guest faculty at Tata Institute of Social Sciences** in their Diploma in Dance & Movement Therapy Program in collaboration with **Kolkata Sanved**. (2016- present)
- **Guest faculty in the Refresher course** for faculties at **Calcutta University** in the discipline of basic sciences (January 2019) and for faculties in humanities (September 2019) held at **Rajabazar Science College**. Training imparted on the neurophysiology of Autism and application of Dance and Movement Therapy in Autism.
- **Guest faculty at Jadavpur University** (November, 2019) in the department of Disability Studies as a part of a course on Disability studies under Rehabilitation Council of India (RCI).
- **Guest faculty at IIM Kozikhode** (2016 & 2018) training students & staffs about application of Dance and Movement Therapy to remove gender bias at workplace.
- **Guest faculty at SNDT University, Mumbai** (January 2020) training faculty and students about the application of Dance and Movement Therapy in Autism and other groups of developmental disabilities.
- **Resource person in various workshops under Rehabilitation Council of India** in their accredited **CRE** programs

### **At different Webinars:**

- As a guest speaker invited by India Autism Center, on 28<sup>th</sup> April 2020 to deliver a lecture on 'Movements to build up Connection and Communication'. (Attended by 386 participants from all over the world).
- As a guest speaker invited by Kolkata Creativity Center, on 15<sup>th</sup> May 2020 to deliver a lecture on 'Application of Expressive Arts Therapy in developmental Differences'.
- Guest Speaker in '**New Norms- Survival of the Fittest** – a panel discussion on 15<sup>th</sup> June, 2020 organised by Educationists in Mumbai.
- Invited Speaker on '**Unique Profession Related Stressors**' on 21st June, 2020 organised by Anubhav Positive Psychology Clinic
- Invited Speaker on '**Application of Dance & Movement Therapy in developing Communication**' on 27<sup>th</sup> June, 2020 organised by Disha Digital School for audience in West Bengal, India and Bangladesh.
- Invited speaker in a Series of panel discussions organised by Apeejay group of Schools for teachers and students to adjust the academic scenario with the new normal situation.
- Invited speaker in a Panel discussion- 'A journey through Covid 19- Detection to real life management organized by Department of Chemistry , Jagatbandhu College, Howrah and Ananadamohan College, Kolkata.
- Invited speaker in a Panel discussion- ' Corona and our Mind' organized by Bratati Parampara on 26<sup>th</sup> August, 2020.
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### **At different workshops in Educational Institutions and NGOs**

1. Apeejay School (For teachers) – May 2016
2. Autism Society West Bengal –June, August 2016
3. National Center for Biological Sciences, Bangalore – September, 2016
4. Chinsurah SENSE Society- March, 2018
5. North Kolkata Association of Parents of Autistic Persons- June, 2018
6. Alokedhara School for Developmental Needs- July, 2018
7. APPA, Association of Parents of Persons with Autism- September, 2018
8. Aastha Child Developmental Center, Siliguri- October, 2018, January, 2020
9. Atrayudh Foundation, Alipore Duar- October, 2018
10. Shishumagal School for Special Needs- November, 2018

11. Feelings Society for Special Needs, Cochbehar- November, 2018
12. Yash Charitable Trust, Mumbai- December, 2018; July 2019
13. Noble Mission School for Special Needs- April, 2019 (CRE program)
14. Mentaid School for Special Needs- April, 2019 (CRE program)
15. Pratibha Cultural Center- June, 2019
16. Bubbles Center for Autism, Bangalore- February, 2020
17. Pragati Center for Livelihood and Employment, Bangalore- February, 2020

**At different conferences as Invited Speaker:**

- **National Science Congress (January 2016)** at University of Mysore.  
**Presentation:** Increase in head circumference in infants with Autism by 2 months of age.
- **State Conference of Association of Physiologists & Pharmacologists of India (February 2017)** R.G.Kar Medical College & Hospital.  
**Presentation:** Comparison of T wave changes in ECG in Type 2 Diabetes Mellitus caused by Myocardial Damage or Hyperkalaemia
- **Biowaves Conference (January, 2018)** at St. Xaviers College, Mumbai  
**Presentation:** Application of Dance and Movement Therapy in Autism and Developmental disabilities
- **DMT for Change Summit (December, 2018)** at Tata Institute of Social Sciences  
**Lecture on** Application of Dance and Movement Therapy in clinical practice in India.
- **Conference of Neurosonology (August, 2019)** at Gateway Hotel, Kolkata.  
**Lecture demonstration** with 20 children with Autism who have been receiving Dance & Movement Therapy as an intervention.
- **Guest Lecture** at Pradip Center for Autism Management (**September, 2019**)  
**Topic:** Parental preparation for parents of children with Autism.
- **International Conference on Sustainable Environment (December, 2019)** at Jadavpur University as a coauthor of an article with Moupikta Mukherjee who had interned under Dr. Aditi Bandyopadhyay at SAMYA Foundation.  
**Presentation:** Developing awareness of self and surrounding environment through SAMYA module of Dance and Movement Therapy (DMT) for children with Autism Spectrum Disorder.
- Regularly interviewed on **Doordarshan (Indian television)** to create awareness in the society about Autism and other developmental challenges,

## **B. Courses undergone for Disability Management:**

1. Trained under AACTION Chicago in the TEACCH methodology under Christopher Flint at Bubbles Center for Autism Management (March, 2012)
2. Certified PEERS Trainer since 2015 under PEERS program under UCLA under Semel Institute of Neuroscience and Human Behavior.
3. Certified Autism Movement Therapist (AMT) since 2016 trained in 4 basic levels under Joanne Lara
4. Trained as an evaluator in ISAA (Indian Scale for Autism Assessment) since 2017 under NIMH Hyderabad
5. Attended various workshops and trainings on different teaching methodologies (ABA, Sensory Integration etc) from time to time.
6. Trained under National Trust and Hans Foundation in Level 1 of Social Role Valorization for persons with Disabilities.

## **C. Courses conducted:**

- Conducts a nine month certificate course on Dance and Movement Therapy for Special Needs through SAMYA Foundation in collaboration with Jadavpur University since April 2023. This course trains 30 candidates every year through academic and experiential programs.
- 2 days Foundation course of SAMYA model of Dance and Movement Therapy at Yash Charitable Trust, Mumbai (July, 2019)

## **D. Publications:**

*'Study on T wave Morphology and QT interval in Diabetic Patients with or without Hypokalaemia'*. Bandyopadhyay.A, Guha Thakurta.T. IOSR Journal of Dental and Medical Science, July 2019.

*'Autism a neurodevelopmental disorder'*. Bandyopadhyay. A, Bhattacharya. J. Everyman's Science, July, 2017.

*'Increase in Head Circumference in children with Autism'*. Bandyopadhyay. A, Mondal. S. Journal of Indian Science Congress, January, 2016.

*'Developing awareness of self and surrounding through SAMYA module of Dance and Movement Therapy (DMT) for children with Autism Spectrum disorder (ASD)'*. Mukherjee. M, Bandyopadhyay. A, Guha Thakurta. T, Manna. N, November, 2023

#### **E. Training experience in Indian Classical Dance:**

Trained in Odissi form of Dance under the tutelage of Padmabibhushan Guru Kelucharan Mahapatra, Guru Giridhari Nayak, Guru Sutapa Talukdar, Smt Amala Shankar and presently Guru Ratikanta Mahapatra for last 35 years.

Has successfully conducted Dance Institution named Nrityaneed (2000-2007) with more than 50 students who were trained in Odissi.

Instructor at MU Dance and Recreation Association (MUDRA) under University of Missouri, USA (2008-2011) and conducted classes, workshops and organized a multidisciplinary Dance Festival (Columbia Dance Festival) with ten dance forms while in the administrative position at MUDRA.

Performed in more than 200 solo dance recitals all over the world and conducted more than 100 group performances.

Three successful dance productions staged worldwide, titled Sri Krishna Prem Gatha (2004), Teen Katha (2002), Anantha- The Infinte (2016).

Trained children in dance with developmental disabilities at an organization named **Atma Pratyay** from 2003-2006.

#### **F. Awards:**

- 1. Jadubhatta Purashkar (1998)** for Excellence in Indian Classical Dance
- 2. MU Chancellor's Award for MUDRA as best organization of 2011** at University of Missouri, USA
- 3. Best Teacher Award (2019)** for contribution to special needs community
- 4. IUEF Stree Shakti Samman-2020 (Medicine & Healthcare: Warrior of the Earth)** on 28<sup>th</sup> June, 2020 from International United Educationists Fraternity (IUEF)
- 5. Honors and Felicitations** from State and Central Govt of India for contribution to the society through Dance and Movement Therapy.
- 6. State Award for Best Research / Innovation/ Product Development** aimed at improving the life of persons with Disabilities, received from Department of Women and Child development and social welfare department presented by Honorable Minister of state Dr. Shashi Panja.