

Ms. Ruby Aikat

Assistant Professor-III

Amity Institute of Occupational Therapy

Qualification

- Pursuing PhD in Psychology from IIT, Delhi.
- M.Sc. Psychology, from *Tamil Nadu Open University*, in June 2014.
- B.Ed Spl Edu- from IGNOU, 2012.
- FC-SEDE (Foundation Course for Education of Children with Disability) – RCI under IGNOU, October- December '09.
- Masters in Occupational Therapy (Occupational Therapy in *NEUROSCIENCES*), from *Topiwala National Medical College, Nair Hospital, Mumbai*, in 2001.
- B.Sc.(H) in Occupational Therapy, from *The Institute for the Physically Handicapped, N. Delhi*, in 1999.

Research Interests

- Neuro cognitive sciences
- Development of new assessment tools and their validation

Publications

CHAPTER IN BOOKS

1. Course material for B.Ed. Special Education (Mental Retardation), IGNOU.
2. Ruby Aikat, Piyush Singh, Vandana Dua, Nishu Tyagi. Evaluation of an Educational Material About Plagiarism in Improving Attitude and Knowledge Amongst Young Researchers. *Ethics, Copyrights and Plagiarism in Research and Publications*. Siddharth Books, 2015,pg 70-79. ISBN:978-93-81530-70-2.
3. Piyush Singh, Ruby Aikat. Ethical Issues in Writing Physiotherapy Research Among Physiotherapy Professionals and Researchers. *Ethics, Copyrights and Plagiarism in Research and Publications*. Siddharth Books, 2015,pg 42-48. ISBN:978-93-81530-70-2.
4. Vandana Dua, Stuti Sehgal, Ruby Aikat, Megha Nijhawan. Beliefs and Attitudes About Authorial Identity Among Rehabilitation Professionals: A Preliminary Survey. *Ethics, Copyrights and Plagiarism in Research and Publications*. Siddharth Books, 2015,pg 80-87. ISBN:978-93-81530-70-2.
5. Chitra Kataria, Nishu Tyagi, Ruby Aikat. Cell Phone Technology for Community Based Rehabilitation (CBR) in Spinal Cord Injury Cases: Our Experience at Indian Spinal Injuries Centre. *Textbook of Prevention Practice and Community Physiotherapy*. Health Science Publication, 2018, Chapter 10, pg 485-489. ISBN:978-93-5270-403-3
6. Stuti Khanna, Ruby Aikat, Harshita Misra. Perspectives of Universal Design in Inclusive Setups. *Inclusive Education- Issues, Challenges and Possibilities*. Global Books Organization, 2019 pg 244-165. ISBN:978-93-83837-72-4.
7. Ruby Aikat, Harshita Misra. *Growing up with disability: Issues and Challenges- Indian Perspective*. Law Medico Immersion: Issues and Challenges, Wolters Kluwer, 2019 pg 199-213. ISBN 13-978-93-88696-33-3.

8. Ruby Aikat, Nishu Tyagi. *Artificial Intelligence and its Applications: A Rehabilitative Perspectives*. Artificial Intelligence. An Inducement of Technology in Human Affairs. Wolters Kluwer, 2019 pg . 201-227. CIN No. U74899PB2005PTC039211
9. Ruby Aikat, Harshita Misra, Stuti Khanna. *Laying The Foundation For Handwriting*. (Chapter accepted)
10. Stuti Khanna, Priyanka Vijay, Sneha, Ruby Aikat. *Perspectives of School Ergonomics: Inclusion and Learning*. (Chapter accepted)

JOURNALS

1. Aditya Kumar, Shamim Kabeer, Ruby Aikat, Monica Juneja, "Effect of strength training of muscles of lower limb of young children with cerebral palsy on gross motor function", *Indian Journal of Physiotherapy and Occupational Therapy*, Jan-Mar 2010, Vol.4, No.1,4-7.
2. Renu Singh, Ruby Aikat, "Relationship between depression and duration from the onset of injury in traumatic spinal cord injured patients", *Indian Journal of Physiotherapy and Occupational Therapy*, Jan-Mar 2011, Vol 5, No.1,150-153.
3. V Paneri and R Aikat, "Development of the 'Perceived Sexual Distress Scale-Hindi' for measuring sexual distress following spinal cord injury" *Spinal Cord* , 2014. 52,712-716. doi:10.1038/sc.2014.83.
4. Sood, Divya OTD, OTR/L; Cepa, Danila DHS, OTR/L; Dsouza, Sebestina Anita PhD; Saha, Shovan MOT, PhD; Aikat, Ruby MOT; and Tuuk, Alicia (2014) "Impact of International Collaborative Project on Cultural Competence among Occupational Therapy Students," *The Open Journal of Occupational Therapy*: Vol. 2: Iss. 3, Article 7. Available at: <http://dx.doi.org/10.15453/2168-6408.1111>
5. Lipika Sachdeva, Ruby Aikat. Development of Preliminary Questionnaire to Explore the Factors Causing Attrition from Occupational Therapy in India. *International Journal of Health and Rehabilitation Sciences*, September 2014, Volume 3 Issue 3,107-112.
6. Anupama Khanna, Ruby Aikat. Correlation Between Leisure Interests and Visual Function in People with Partial and Complete (Acquired) Visual Impairment. *Indian Journal of Occupational Therapy*. Jan-Apr 2015. Volume 47: issue 1, 9-14.
7. Nishu Tyagi, Ruby Aikat, Jitendra Pratap Singh. Tele-rehabilitation As an Adjunct Service for Geri Care: Reaching the Unreached. July 2015. *International Journal of Scientific Research*. Volume.4: Issue.7, 332-334.Doi: 10.15373/22778179.
8. Swati Dash, Ruby Aikat, Neha Khanna. Hindi Translation, Cross Cultural Adaptation and Validation of the 'Self Efficacy in Wheeled Mobility' (SEWM) Scale in Wheelchair Users with Spinal Cord Injury. *Indian Journal of Physiotherapy and Occupational Therapy*.2015. Volume 9: Issue, 27-31.
9. Gunjan Wadhwa, Ruby Aikat. Development, Validity and Reliability of the 'Sitting Balance Measure' (SBM) in Spinal Cord Injury. *Spinal Cord*. Spinal Cord (2015), 1–5.
10. Nishu Tyagi, Pallavi Nair, Ruby Aikat, Jitendra Pratap Singh. (2015). Case Series Illustrating the Use of Nintendo Wii Fit as an Adjunct Low Cost Tool for Balance Rehabilitation in Delhi/NCR. *International Journal of Health Sciences and Research*. Vol.5; Issue: 8; August 2015, 725-732.
11. Ruby Aikat, Odette Gomes (2015). Effect of Occupational Therapy Intervention on the Quality of Life of HIV Positive Clients and Study of Knowledge about HIV on Clients and Occupational Therapists. *International Journal of Health Sciences and Research*. 5 (8): .369-376.

12. Yuimi Ahum*, Ruby Aikat*, Prakash Kumar. Resilience in Subjects with Spinal Cord Injury (2016). *Indian Journal of Physiotherapy and Occupational Therapy*. 10 (4): 195-198. [*First authorship shared]
13. Aikat R, Dua V (2016) Mental Imagery in Spinal Cord Injury: A Systematic Review. *J Spine* 5:310. doi:10.4172/2165-7939.1000310.
14. Aikat R, Dua V, Tyagi N (2016) Virtual Reality in Cognitive and Perceptual Rehabilitation - A Promising Approach. *J Neurol Disord* 4: 285. doi:10.4172/2329-6895.1000285
15. Misra H, Aikat R (2016) A Survey of Visual Perceptual Disorders in Typically Developing Children, and Comparison of Motor and Motor Free Visual Perceptual Training in Such Children. *J Neurol Disord* 4: 296. doi:10.4172/2329-6895.1000296.
16. Prasad S, Aikat R, Labani S, Khanna N (2018). Efficacy of Virtual Reality in Upper Limb Rehabilitation in Patients with Spinal Cord Injury: A Pilot Randomized Controlled Trial. *Asian Spine Journal* 12(5):927-934.

Professional Affiliations

- Life Member, ALL INDIA OCCUPATIONAL THERAPIST ASSOCIATION; Membership No. L-2583/02.
- Member, Delhi Council for Physiotherapy and Occupational Therapy, Membership No. OT-197
- Member Rehabilitation Council of India, CRR No. A34018.
- Associate Member, Spinal Cord Society, Regd No. 1855

Professional Activities

Patent:

- “Systems and Methods for Automated Visual Perceptual Assessment”. Provision Patent No. PCT/IN2019/050745.

Copyrights:

- Vidya Paneri, Ruby Aikat. “Perceived Sexual Distress Scale-PSDS-Hindi” L73883/2018
- Lovey Sharma, Ruby Aikat “Guidebook for Spinal Cord Injury” L-70128/2017
- Somya Prashad, Ruby Aikat. “Hindi Translation, Cross-Cultural Validation of Capabilities of Upper Extremity Questionnaire” L-72546/2018

Submitted for copyright:

- Gunjan Wadhwa, Ruby Aikat. “Sitting Balance Measure in Spinal Cord Injury” Diary no 10050/2018-CO/L
- Rajiv Khanna, Ruby Aikat, Vidushi Sharma. “Driving Readiness Questionnaire” Diary no 9604/2018-CO/L

Contact Information

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