

GOVERNMENT GENERAL DEGREE COLLEGE, SINGUR

ACADEMIC PROFILE



DR. SUMONA DATTA

Assistant Professor in Psychology (W.B.E.S.)

M.Sc., Ph.D.

Email: sumonadatta.psych@gmail.com

- **Specialization:** Cognitive Psychology, Clinical Psychology, Psychometry.
- **Date of joining in this college:** 17.10.2022
- **Total teaching experience in college level:** 6 years
- **Area of research:** Clinical Psychology, Cognitive Psychology, Psychometry.
- **Title of Ph.D. thesis (if any):** A Study on Visuospatial Reasoning abilities and Working Memory across ages
- **Research guidance (if any):** One Ph.D. scholar pursuing at Adamas University (Co-guide)
- **Research projects [completed / ongoing] (if any):**
 - Research Project Grant Received from the Indian Council of Social Science Research (ICSSR) for the project titled, “Development and Validation of a Mindfulness based Therapeutic Intervention Protocol for mitigating Nomophobia in a young adult population”. Duration: 1 Year; Grant amount: Rs. 17,00,000.
 - Research Project Grant Received from the Rabindrik Psychotherapy Research Institute Trust for the project titled “Development and Validation of a new measure of Rabindrik values: An Item Response Theory approach”; Duration 1 year; Grant amount: Rs. 1,00,000.
 - Research Project Grant Received from Adamas University for the project titled "Developing and Validating the Psychological Job Readiness Questionnaire"; Duration 2 years; Grant amount: Rs. 80,000.
 - Research Consultancy: Project on "Construction & Validation of a Comprehensive Career

Prediction Test Battery" by Association for Solution Focused Approaches and Research, Working as a Research Co-Investigator (December, 2020 onwards).

- **List of publications:**

- A. Published papers in Journals:**

1. **Datta, S.** (2025). Construction and Validation of a New Measure of Spatial Orientation Ability: An Item Response Theory Approach. *International Journal of Developmental Science*, 19(3-4), 109-121.
2. Patra, G, **Datta, S.** & Bose, I., (2024). *Managing talent and Branding in learning organization*. The Learning Organization.
<https://doi.org/10.1108/TLO-04-2023-0067>
3. Datta Roy, D., **Datta, S.** & Khatoon, M. (2023). Verbal reasoning abilities predict Academic Achievement among School-going adolescents: Evidences from Indian population. *Journal of Indian Academy of Applied Psychology*, 49(2): 202-210.
4. **Datta S** and Mukherjee T (2023) Impact of COVID-19 stress on the psychological health of sexual & gender minority individuals: A systematic review. *Front. Glob. Womens Health* 4:1132768. doi: 10.3389/fgwh.2023.1132768
5. **Datta, S.** (2022). Modern Practices in Psychometric Test Construction and Validation: The Indian Scenario, Editorial, *Psychology and Psychological Research International Journal*, 7(3), DOI: 10.23880/pprij-16000309
6. **Datta, S.** & Roy, D.D. (2022). Age Differences in Spatial Visualization Ability: Tracking its' Development across preadolescent and adolescent years. *Journal of Psychological and Educational Research*, 30(2).
7. **Datta, S.** & Roy, D.D. (2021) Development and Validation of a new measure of Mental Rotation for preadolescent and adolescent groups, *The Journal of Cognitive Education and Psychology*, 20(1). DOI: 10.1891/JCEP-D-20-00014
8. **Datta, S.**, Patra, G, & Bose, P. (2021). Career or Knowledge- Changing Perspectives of University Students, *Empirical Economics Letters*, Vol. 20, Special Issue on Economic and Business Issues during COVID 19, Ed.

Mohammad A. Wadud. ISSN: 1681-8997.

9. **Datta, S. & Roy, D.D.** (2021). Developmental Trajectory of Dynamic Visualization ability across preadolescent and adolescent years. *International Journal of Education and Psychology in the Community*, 11(1/2), 164-179. ISSN: 2069-4695.
<https://www.proquest.com/openview/16b04566ff6592d5ef2d047717492eaf/1?pq-origsite=gscholar&cbl=1606375>
10. Patra, G, **Datta, S.** & Bose, P. (2021), Assessing Customers' perceived service quality of mobile service provider: A Comparative study of young adults in West Bengal and Chhattisgarh, *Indian Journal of Economics & Business*, 20 (2), 91-106.
11. Bushraa T. T. & **Datta S.** (2021). Emotional eating & personality type A and type B behavioural patterns in adults: A comparative study. *International Journal of Indian Psychology*, 9(1), 1015-1039. DIP:18.01.106/20210901, DOI:10.25215/0901.106.
12. **Datta, S., & Roy, D. D.** (2018). Shortening the Home Environment Inventory: A polytomous Item Response Theory approach. *Psychological Studies*, 63 (4): 419- 429.
13. **Datta, S., & Roy, D. D.** (2016). Construction of Test Measuring Mental Rotation Ability of Adolescent High School Students. *The International Journal of Indian Psychology*, 3 (2), No. 5: 91-100.
14. **Datta, S. & Dutta Roy, D.** (2015). Abstract Reasoning and Spatial Visualization in Formal Operational Stage, *International Journal of Scientific and Research Publications*, 5 (10): 1-6.

● **Published Books / Chapters in Books:**

1. (2022) **Fundamentals of Data Analysis using R-Programming**, Chattopadhyay, S., **Datta, S.** & Das, J.K., Academic Publisher, Kolkata.
2. (2023) **Digital Technologies for Smart Business, Economy, and Education**, under the Series "Arts, Research, Innovation and Society", Springer Publication (2022), Eds.: Omrane, A., Patra, G. & **Datta, S.**, Springer Publication.

3. (2026) **Datta, S.**, Mukherjee, T., Ganguly, A. Applications of Clinical Ecopsychology and Ecotherapy in Psychological Intervention and Well-Being: Scopes and Challenges. In: Mukherjee, K., Bhadra, T., Pandey, J.K., Dash, P., Sarkar, R. (eds) Urban Climate. The Urban Book Series. Springer, Cham. https://doi.org/10.1007/978-3-032-17895-4_11
4. (2024) Patra, G & **Datta, S.**, *XAI for Society 5.0: Requirements, opportunities, and challenges in the current context*. In Al-Turjaman et al., XAI Based Intelligent Systems for Society 5.0. Elsevier. <https://doi.org/10.1016/B978-0-323-95315-3.00008-5>
5. (2023) Patra, G & **Datta, S.**, *Measuring Consumer Perception in Digital Buying: A Lesson from Pandemic*. In Ed. Kotler et al., Perspectives in Marketing, Innovation and Strategy. Routledge: Taylor & Francis group. <https://10.4324/9781003434467-3>
6. (2023) **Datta, S.**, *Tracking Sex Differences in Perceived Home Environment across Preadolescent and Adolescent Years*. In Ed. Chakroborty et al., Gender Equality in a Modern Perspective: Moving beyond Diversity. Apple Academic Press, Taylor & Francis Group.
7. (2023) Patra, G., **Datta, S.**, & Mukherjee, R., Students' Perception of ICT Use in Higher Secondary School Students: An Exploratory Factor Analysis Approach. In A. Omrane et al. (eds.), *Digital Technologies for Smart Business, Economics and Education, Arts, Research, Innovation and Society*, Springer Publication. https://doi.org/10.1007/978-3-031-24101-7_14
8. (2023) Patra, G., **Datta, S.**, Omrane, A. & Bose, P., Perceived Service Quality of Mobile Providers Through the Lens of Indian Young Adults. In In A. Omrane et al. (eds.), *Digital Technologies for Smart Business, Economics and Education, Arts, Research, Innovation and Society*, Springer Publication. https://doi.org/10.1007/978-3-031-24101-7_14

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9. (2021) Patra, G & **Datta, S.**, Business Opportunities for Small Firms through Digital Platform in Post COVID Era, Edited by Amina Omrane & Sudin Bag, *New Business Models in the Course of Global Crisis in South Asia*, Springer Publication. ISBN No.: 978-3-030-79926-7
10. (2023) Singha Roy, S. & **Datta, S.**, Future of Online Education: The relationship between personality, learning strategies and learning medium preferences. In Digitization in Higher Education, Ed. Chakroborty et al., Apple Academic Press, Taylor & Francis Group.

B. Participation in Seminars/Symposia/Conferences/Workshops:

Title of the invited lecture /paper presented (oral/poster)	Title of Conference /Seminar with date	Organized by	Level
Invited lecture on “Approaches in Disability Testing: Current Trends & Practices”	2 nd International Conference from 15 th -16 th November, 2024, at Dhaka University, Bangladesh.	Bangladesh Psychometric Society	International
Invited Lectures on “Tool Development for Public Health Professionals”	Indian Public Health Association (IPHA)	11 th to 12 th May 2024 17 th to 19 th May 2024	National
Invited Guest Lecture on “Assessment in Counselling II”	Faculty of Humanities and Social Sciences,	July 13, 2023	International

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	Tribhuvan University, Kathmandu, Nepal		
Invited Lecture on “Research Ethics”	Department of Museology, University of Calcutta.	January 21, 2023	State
Invited Lecture on “Stress Management”	IQAC, Tarakeshwar Degree College, Tarakeshwar	January 06, 2023	State
Invited Workshop on “Psychometric Test Construction using R Studio”	Department of Psychology, University of Dhaka	October 11, 2022	International
Invited Lecture on “Mental Health Platter”	by Department of Psychology, Bangabondhu Sheikh Mujibur Rahman University of Science & Technology, Gopalganj, Bangladesh	October 12, 2022	International

● **Participation in OP/RC/FIP/FDP:**

Name of the Course	Place	Duration	Sponsoring Agency

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4 th Guru Dakshta (Faculty Induction Program)	UGC-MMTTC, Central University of Haryana	02.02.2026 to 28.02.2026	UGC
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- **Membership of Learned Societies/ Editorial Boards, etc. (if any):**

Editorial Board Member:

- Psychology and Behavioral Sciences Journal
- Indian Journal of Multidisciplinary Research

Professional memberships:

- ☐ Life Member, Bangladesh Psychometric Society
- ☐ Member, Indian School Psychology Association
- ☐ Member, Psychometric Society
- ☐ Advisory Board Member, Indian Institute of Psychometry
- ☐ Member, American Psychological Association

- **Patents (if any): NIL**

- **Awards (if any):**

- Awarded the “Prof. Anima Sen Award 2024” for the Best Research paper published in the Journal of Indian Academy of Applied Psychology (JIAAP) in 2023-24.
- Best Paper Award at the National Conference on “Adolescent Development: Issues and Challenges”, 29- 30 January, 2015, Indian Statistical Institute, Kolkata.
- Best Researcher Award 2020, received from Adamas University, December 18, 2020.
- Best Teacher Award 2021, received from Adamas University, December 18, 2021.
- **Other notable activities (if any):**

Journal Refereeing:

- ☐ Refereed for Palgrave MacMillon, Springer-Nature.
- ☐ Refereed for BMC Public Health, Springer-Nature.
- ☐ Refereed for Psychological Reports, Sage Publications.

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- ☐ Refereed for Spatial Cognition and Computation: An Interdisciplinary Journal, Taylor & Francis Publications.
- ☐ Refereed for Humanities and Social Sciences Communications, Springer Nature.
