

Anand Rai

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Academic Qualifications

PhD Student, Psychology and Social Neurosciences, Sapienza University of Rome, Italy	(2021-present)
MSc Neuropsychology, Gujarat Forensic Sciences University, India	(2018-2020)
BSc (Hons.) Psychology, Christ Deemed to be University, India	(2015-2018)

Research Experience

PhD Research, Department of Psychology, Sapienza University of Rome (2021-Present)

- Reviewed the literature systematically to explore the current research on the relationship between Interoception and Dissociation (on-going study).
- Analyzed heart rate data to study the impact of a state dissociation on a person's interoceptive abilities (on-going study).
- Exploring the relationship between a person's physical activity level and interoceptive sensitivity (on-going study).

Other (2017-2021)

- Reviewed the anatomical basis of social cognition and its EEG/ERP correlates (2019-20).
- Master's thesis work on the topic of Observational Learning and its reflections in EEG (2019-20).
- Research work on Potential of observational learning to induce empathy and self – efficacy in pre-adolescent Indian orphan minors (2020).
- Bachelor's thesis work exploration the potentiality of Observational Learning as a technique to teach soft skills to underprivileged children in India (2017-18).

Professional Engagements / Positions Held

- Neuropsychologist, Neuro Care Clinic, New Delhi, India (2020)
- Mentor for Neuropsychology, PSYTARA (2020)
- Internship, Max Healthcare, New Delhi, India (2017)
- Observership, Fortis Hospital Gurugram, India (2016)

Awards/Grant Fundings

- *Bando per il finanziamento di periodi di mobilita' 2023* : Won a funding from Sapienza University of Rome for financing a period of time spent abroad for research activity in another university in accordance to a submitted proposal. The funding amount of €2100 in total.
- *Progetti per Avvio alla Ricerca, 2022-23* (Projects to Start Research): Won a funding from Sapienza University of Rome for small projects that can be financed from up to €2,000.
- Young Psychologist Competition, 2018: Qualified to compete in a national research conference promoting upcoming researchers in Psychology at Christ University, Bengaluru at the undergraduate and graduate study level.

Additional Skills

- Microsoft Office: I operate the basic MS Office applications like Word, Excel, and PowerPoint daily and can use them with relatively good level of proficiency and skill.
- Software used for research: I can operate with SuperLab 5 (stimulus designing), BrainVision Recorder, Analyser (EEG/ERP) and KUBIOS (data collection and analyses of electrophysiological data). I am familiar with statistical tools like SPSS and MATLAB (certificate course).
- Familiar with using Python for Data Analysis and Visualization.
- Testing: I am familiar with collecting data on various electrophysiological instrumentations (EEG & EGG). I have been trained to use psychometric testing and evaluation on tools like Mental State Examination and the Hindi-version of the same scale. Additionally, I am familiar with different measures trait interoception and state and trait dissociation.

Publications

Rai, A. & Sharma, R. (2020). Potential of observational learning to induce empathy and self – efficacy in pre- adolescent Indian orphan minors. *International Journal of Indian Psychology*, 8(2), 1299-1309. DIP:18.01.149/20200802, DOI:10.25215/0802.149

