ASSISTANT PROFESSOR

Ms. Olivia Jana

Contact: oliviaforwork18@gmail.com

RESEARCH INTERESTS:

ARTIFICIAL INTELLIGENCE IN HEALTH CARE

EXPERIENCE:

Academics: 2 Years

Industry: 6 Months

EDUCATION:

1. M.Tech (Brainware University)
2. B.Tech (Brainware University)

Courses Taught:

Object Oriented Programming, Multimedia Technology, Object Oriented Programming Lab, Data Structure & Algorithm Lab

Projects Handled:

Research Publications:

1. Jana, O. & Ghosh, S. (2025). AI-Driven Predictive Analytics: Early Glaucoma Detection Using Deep Learning Algorithm. In M. Ouaissa, M. Ouaissa, M. Imad, J. Qurashi, & M. Farooq (Eds.), Utilizing AI of Medical Things for Healthcare Security and Sustainability (pp. 181-214). IGI Global Scientific Publishing. https://doi.org/10.4018/979-8-3373-0690-2.ch006

2. Ghosh, S. & Jana, O. (2026). Enhancing Student Engagement in Higher Education: Innovative Instructional Strategies. In L. Orr & N. Weiner (Eds.), Developing Student Engagement Opportunities in Higher Education (pp. 1-40). IGI Global Scientific Publishing. https://doi.org/10.4018/979-8-3373-0644-5.ch001

3. Ghosh, S. & Jana, O. (2025). Generative AI in Practice: Case Studies and Implementation Frameworks for Industry Professionals. In J. Aguilar-Calderón (Ed.), Generative AI in Software Engineering (pp. 195-228). IGI Global Scientific

Publishing. https://doi.org/10.4018/979-8-3373-0370-3.ch006

4. Jana, O. & Ghosh, S. (2026). AI-Driven Communication and Digital Addiction: A Psychological and Social Inquiry. In M. Yaacob, S. Syed Idrus, W. Wan Ali, W. Bin Wan Yahaya, & C. Rosenberger (Eds.), AI, Human Communication, and the Challenges of Digital Addiction (pp. 157-194). IGI Global Scientific Publishing. https://doi.org/10.4018/979-8-3373-5606-8.ch006

5. Ghosh, S. & Jana, O. (2026). From Barriers to Bridge: Inclusive Digital Design for Neurodivergent and Disabled Users. In T. Álvarez Robles, M. León, S. Montané Baños, F. Álvarez Rodríguez, & J. Sandoval Bringas (Eds.), Advancing Accessibility Through Software Development for Disability and Neurodivergence (pp. 55-88). IGI Global Scientific Publishing. https://doi.org/10.4018/979-8-3373-6033-1.ch002

Additional Responsibilities:
NAAC and NBA Team

Awards Obtained: