Dear Professor Yan Pei- sensei,

I hope this email finds you well.

My name is Krish Bakshi, and I am currently pursuing a Bachelor’s degree in Computer Engineering at Savitribai Phule Pune University, India, with an expected graduation in June 2025. I am reaching out to express my keen interest in joining your research lab and applying for the Master’s program at the University of Aizu for the Fall/September 2025 intake under your esteemed guidance.

Having explored your distinguished research in Humanized Computing, Interactive Evolutionary Computation, Chaos and Chaotic Evolution, Fusion of Game Theory and Evolutionary Computation and Machine Learning, I find my academic and professional experiences strongly aligned with your ongoing projects. In particular, your groundbreaking work on computational intelligence deeply resonates with my research interests and technical skillset.

Currently, I am working as a Data Science Intern at Profcess, where I have been involved in designing scalable data pipelines for complex predictive modeling and have gained hands-on experience with machine learning and deep learning frameworks such as TensorFlow, PyTorch, and XGBoost. Additionally, my recent project, PulseMate, leverages Generative AI models for healthcare applications, aligning closely with your research focus on intelligent informatics.

I was particularly intrigued by your publications, " A comprehensive survey on design and application of autoencoder in deep learning” and “A brief survey on breast cancer diagnostic with deep learning schemes using multi-image modalities.

These works, exploring autoencoder and utilization of multi-image modalities, have greatly inspired me. Your approach to survey on design application and optimizing breast cancer diagnostics using deep learning aligns with my deep interest in machine learning, model optimization, and advanced AI architectures.

Beyond my technical expertise, I am proficient in English and hold an intermediate proficiency in Japanese (JLPT N3), which enables me to collaborate effectively in a multicultural and interdisciplinary environment.

I would be honored to contribute to your research lab and enhance my skills under your mentorship. I am also eager to learn about your expectations for prospective Master’s students and gain insights into the application process.

Attached is my resume for your review. I would sincerely appreciate the opportunity to discuss my application and potential research contributions further. Thank you for your time and consideration.

Warm regards,  
 Krish Bakshi