भारतीय सूचना प्रौद्योगिकी संस्थान कोट्टायम

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14th October 2025

To Whom it May Concern:

I am pleased to recommend **N A Adarsh Pritam**, Master's student from the Department of Applied Mathematics, Alliance University, Bangalore, India for his PhD admissions. Over the past four months, I have had the privilege of mentoring Adarsh, as his Supervisor for the hybrid internship at the Intelligent Integrated Circuits and Systems (I^2CS) Research Group, led by myself, at Indian Institute of Information Technology (IIIT) Kottayam, India.

During his internship, he contributed to a research project in the broad area of Deep Learning for Plant Disease Diagnosis using Vision-Language Models (VLMs) by exploring the various vision-language models and their potential for real-world applications. He has also been involved in vision-language model development, testing, and validation with the research team. Further, he contributed to a research paper which is being prepared for possible submission to a conference. This model developed by Adarsh shows promise for enhancing the accuracy and descriptive capabilities of automated plant disease diagnosis.

Adarsh's efforts have significantly enriched our team and project. His research on VLMs has led to valuable insights into applying multimodal AI to the challenges in diagnostic imaging and analysis. It has been a pleasure collaborating with him.

I wholeheartedly endorse his application and look forward to seeing his continued growth and contributions in his academic and professional journey.
Please feel free to contact me for any further information.

Yours sincerely,

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