



**INDIAN INSTITUTE OF INFORMATION TECHNOLOGY
DESIGN AND MANUFACTURING, KURNOOL**

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(An Autonomous Institute under MoE, Govt. of India)

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17 October 2023

To whomsoever it may concern

I had a great pleasure of teaching and mentoring **Mr. Kowsyap Pranay Kumar Musumuri** during his BTech in the courses of Very Large-Scale Integration (VLSI) design and Analog & Digital Communication Techniques in the department of ECE, IIITDM Kurnool. Kowsyap truly excelled in VLSI course, showing not only a sharp intellect but also a strong work ethic and a deep passion for semiconductor design.

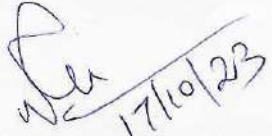
We had a privilege of collaborating on an IEEE paper titled "**Correctness of Synthesis for Tree-based Decomposed Algorithm in Semiconductor Memory Designs with Larger Decoders**" published in CICT2021. This work is a part of his final year project of BTech in ECE. This paper stands as a testament to Kowsyap's dedication and research capabilities. It not only highlights his technical skills but also his ability to work effectively in a research environment.

Throughout the VLSI course, Kowsyap consistently delivered outstanding academic performance. He demonstrated a deep grasp of complex VLSI concepts and exhibited exceptional problem-solving abilities. His commitment to in-depth exploration into VLSI principles was evident in his coursework, assignments, and thesis projects. He consistently showcased a high level of performance and proficiency in these practical sessions, further underlining his expertise in analog and digital communication.

As his academic mentor, I hold a strong belief in his capacity to excel in a rigorous master's program. His enthusiasm for VLSI design, great determination to staying current with the latest advancements in his field of study, complemented by his substantial research experience and remarkable analytical abilities, positions him as an excellent candidate for advanced academic endeavors. Furthermore, his exceptional conduct towards faculty members and profound respect for seniors are truly remarkable.

I wholeheartedly endorse **Mr. Kowsyap Pranay Kumar Musumuri's** application to your master's program with any possible financial aid grant. I would be glad to provide any clarification if needed.




17/10/23
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