Letter of Recommendation

To the Admissions Committee,

I am pleased to write this letter of recommendation for **Manish Krishna Kandrakota**, a final-year undergraduate student in the Department of Computer Science and Engineering at **Sreenidhi Institute of Science and Technology (SNIST)**. As the **Head of the Department of Computer Science and Engineering**, I have had the opportunity to observe Manish's academic performance, research orientation, and technical maturity over the course of his undergraduate studies, and I recommend him with strong confidence for admission to your MS/MEng program.

Manish has consistently distinguished himself as one of the strongest students in his cohort. He ranks among the top-performing students in the department, demonstrating a solid foundation across core areas such as **data structures, algorithms, operating systems, computer networks and distributed systems**. Beyond classroom performance, what sets Manish apart is his ability to apply theoretical concepts to complex, real-world systems problems with clarity and rigor.

A notable highlight of Manish's academic journey is his **early engagement with research**. In his first year itself, he co-authored a paper titled *"Charity with Clarity: Crowdfunding Using Smart Contracts,"* which was accepted and published in **IEEE Xplore**. This work reflects a strong grasp of **distributed systems, security principles and decentralized architectures,** and demonstrates his capability to design secure protocols and validate systems through rigorous testing. Such early research output is rare at the undergraduate level.

In addition, Manish has shown exceptional engineering maturity through **large-scale open-source contributions**, most notably to the industry-recognized static analysis tool **Checkstyle**, where he has over **100 merged contributions**. His work on refactoring legacy components, improving test coverage, and enhancing analysis rules reflects discipline, deep code comprehension, and the ability to operate within strict quality and review standards.

Overall, Manish demonstrates strong technical articulation, methodical problem-solving, and a clear inclination toward **systems-oriented and security-focused computing**. Based on his academic record, research experience, and demonstrated engineering depth, I am confident that he is well-prepared for the intellectual demands of a rigorous graduate program and will contribute meaningfully to your academic community.

I recommend **Manish Krishna Kandrakota** without reservation for admission to your MS or MEng program in Computer Science. Please feel free to contact me should you require any additional information.

Sincerely,

Dr. K. Shirisha
Professor & Head of Department, Computer Science and Engineering
Sreenidhi Institute of Science and Technology (SNIST)
Email: **hod-cse@sreenidhi.edu.in**

Head, Department of CSE
Sreenidhi Institute of Science & Technology,
Yamnampet, Ghatkesar, Hyderabad.501 30