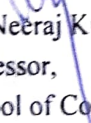## Letter of Recommendation

Sai Siddartha Maram has been working with me on computer vision-based research projects over the past two years. I have been mentoring him at Thapar Institute of Engineering and Technology, where I am a Professor (h-index:43 and i10-index:160) in the School of Computer Science and Engineering. The closest I have seen Sai Maram was during the patent we filed together. The patent was an IoT and AI-based device titled "A personal safety device and method thereof" which has been published.

In this recommendation, I would like to discuss my observations which I feel would make him a great candidate for universities or research labs themed on AI, Computer Vision, and robotics. The initial phase of the patent filing included completely brainstorming the problem of physical abuse against women. I was surprised at how Sai was able to think of some corner cases which would have been ignored generally. The second phase was developing the prototype and coding the software stack. His programming skills are a delight to watch and the way he makes his code modular is worth mentioning. A good researcher apart from conducting research must be patient and document it thoroughly. He took the responsibility to file the entire patent and submit it within the deadline which was a herculean task.

Apart from academic merit and research focus, I have also seen Sai play an instrumental role in developing the academic diversity in his juniors. He has been actively found discussing various research problems in various domains and approaches to solve them among his juniors which has greatly encouraged in developing a culture of research within the university premises.

Yours Sincerely,

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