



# BIRLA INSTITUTE OF TECHNOLOGY

(A Deemed to be University u/s 3 of the UGC Act, 1956)

OFF-CAMPUS (JAIPUR) – 302017 (INDIA)

## Letter of Recommendation

To whomsoever, it may concern

It is my pleasure, as Head of Department (HOD) Computer Science at BIT, Mesra to write this letter to you in recommendation of Pallavit Aggarwal.

I remember him as a student who was committed and sincere towards work. In his final year, he taught Android Programming to pre-final and final year students, through lab exercises post his classes or college hours.

Throughout his course of study, he displayed remarkable ability to apply what he learned in his subjects, evident from his grades in all the practical examinations conducted at the University.

He worked under my guidance while doing his final year project and thesis on the topic of "Indoor Navigation System for Handheld Devices". I must place on record that the project he created was of high-quality. He developed an android application to extend maps to indoor spaces like universities, office-spaces and malls where GPS and LOS are absent. It delved deep into techniques like wi-fi positioning, step & motion detection and optimized path finding algorithms, producing a novel implementation which was also published in IJSER.

In him, I had witnessed a great level of focus and dedication that he would bring on to all that he would take up.

In the classroom where I taught him 'Design and Analysis of Algorithms' in his 4<sup>th</sup> Semester and 'Compiler Design Theory & Lab' in his 6<sup>th</sup> Semester, I observed in him a good analytical skill set combined with unquenchable thirst for knowledge, and dogged determination to excel without any aversion to being revised. I would rate him as a very successful graduate student of mine.

He was always brimming with passion and energy and I'm sure that his talent will shine further through your specialised graduate course.

I strongly recommend him for your esteemed University. If you have any queries, please do not hesitate to contact or mail me at [madhavisinha@bitmesra.ac.in](mailto:madhavisinha@bitmesra.ac.in).

Sincerely,

Dr. Madhavi Sinha,  
Associate Professor & Head  
Dept. Of Computer Science & Engg.  
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