**LETTER OF RECOMMENDATION**

I am very pleased to provide this letter of recommendation to Abisheik C for your master’s program. I know him as a bachelor’s degree student of the Electronics and Communication Engineering branch from 2016. He did his final year project., ‘ATM Security in Financial Sector using Embedded System Design’ under my guidance along with two other students as a group. I am also his assigned faculty staff when he was a Teaching Assistant for the Department of Placement Cell. The combination of tenacity, analytical abilities, and good communications skills found in Abisheik is truly unique.

He was always the first to take initiative to approach any problems towards its solution. He proposed many solutions like when team was working for the interface system for the final year project the team was stuck between using either a web application interface or a DOS interface for the fingerprint pattern recognition that is used in the project.He interjected and suggested them to use a normal application to increase perform time in the recognition of the fingerprint and the group found it acceptable to be used in the project. He always goes beyond what is required for the project. His research skills are good. where he researched about the various security system that is currently used all around world and he also pointed out how these systems can be bypassed by the hackers.His method of directly implemented the embedded system to increase the security. For this reason, his grades in his final year project work are given S grades which is the highest grade for that subject for both the semesters ,which was only given to ten students in the entire department that year.

He also made various contributions as a Teaching Assistant for the Department of Placement Cell.As a TA,he helped the department to compile a course materials which consists of programming language,quantitive and verbal topics.He also helped to compile and pen several question papers for the weekly tests.He usually works for around 15-20 hours every week after college and comes in week end if necessary.His methods of teaching programming, quantitative and verbal courses helped the students who studied under him in the group in understanding the topics and also help them in any possible. His great communication skills helped the students understand the topics perfectly. His knowledge on the above subjects and his experience in competing against other colleges .When he participated in several coding contest places at the Amrita Vishwa Vidyapeetham and Indian Institute of Technology and went to final rounds of contest but couldn’t secure any top places but got recognized for his efforts in the contest.This showed us his potential in programming and quantitative skills which made him better TA for the department of placement.

Abisheik is a highly skilled and knowledgable person who is always contributes his efforts in any form and his abilty to communicate the necessary points is always astonishing.It is with my great pleasure that I give my highest recommendation to Abisheik for his admittance to your MS program. He will make a great addition to your program and contribute his ideas and efforts into it. Please free to contact me for any further information.

Sincerely yours,

G Arun Francis

Assistant Professor

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