



NITTE
EDUCATION TRUST

N.M.A.M. INSTITUTE OF TECHNOLOGY

(An Autonomous Institution affiliated to Visvesvaraya Technological University, Belagavi)

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Dr. Nagesh Prabhu
Professor & Head

It gives me immense pride in writing this letter of recommendation for Mr. Prabhakar Kumar Panday, who is willing to pursue his Master's at your esteemed University. I have known Prabhakar for 2 years at the capacity of Prof. and Head of the department of Electrical and Electronics Engineering during his undergraduate studies while working on couple of projects under my supervision. During his tenure as a student of NMAMIT, I have observed Mr. Prabhakar as a person with high determination and the ability to go for extra mile of success in his academic attainment.

Mr. Prabhakar has worked on a project during 6th semester holidays, which included modeling of single and three Phase STATCOM using MATLAB and then build a working prototype. Initially, Prabhakar with his classmates carried out Simulation of STATCOM using MATLAB-SIMULINK and later seeing his immense interest and expertise in programming the controllers, I recommended him to visit Hexmoto Controls Pvt Ltd, Mysore to study the DSP controller to carry out the project. I have witnessed his enthusiasm and commitment towards the assigned task. He was always punctual and shown ability to work patiently and diligently until the expected results are obtained. This clearly conveys his commitment to take up and deliver the research output.

During his 7th semester I have taught a course on 'Computer Techniques in Power System Analysis' for his batch. The subject involved various techniques used by digital computers to analyze Power system, fault and stability assessment of the grid by modeling power system components. Mr. Prabhakar was always excited about the subject being thought in the class and keen on exploring the practical applications of it. His queries in the class about the concepts to get better insight of the subject and to correlate the concepts of Electromagnetic Fields, Electrical Machines, Power Electronics, and Switchgear was commendable while witnessing his performance in assignments.


Apart from excelling in theory and projects, he has very good writing and presentation skills. Based on the studies conducted on STATCOM, he has presented papers in various technical events and won many awards. After the completion of his final semester Exams, he has participated in conducting Department level workshop for his juniors in PCB Design, Etching, Microcontroller programming, and MATLAB simulations.

His final year project titled 'Multicolor RGB LED Display Board' is one of its kind, capable of producing 16 Million colors, which he completed leading a team of four and taking technical inputs from R&D team of Hexmoto in designing a PCB which can handle high frequency switching. All the hard work executed by him and his team paid off in the form of a 2nd place in NMAMIT 'Project Expro-2015'. The level of project carried out by him stand as testimonial for his clear understanding and depth of his knowledge in Electronics.

Throughout his undergraduate studies, I have received good feedback from all the professors in the department. Having a CGPA of 9.34 (on a scale of 10), Mr. Prabhakar is one among the top 5% students of his batch. I Strongly recommend Mr. Prabhakar for admission to the Master's program at your University and he deserves encouragement with suitable financial aid.

Sincerely,
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