The University of Michigan

to all who may read these letters, Greetings:

Hereby it is certified that upon recommendation of

The Horace H. Rackham School of Graduate Studies

The Regents of The University of Michigan have conferred upon

Harish Narayanan

in recognition of the satisfactory fulfillment of the prescribed requirements the degree of

Master of Science in Engineering

(Mechanical Engineering)

with all the rights, privileges, and honors thereto pertaining here and elsewhere.

Bated at Ann Arbor, Michigan, this nineteenth day of December, two thousand and three.

Mary Sue Coleman



Lisa A. Tedesco Hice President and Secretary