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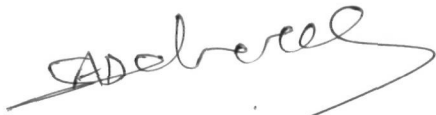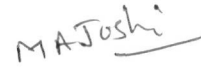
This is to certify that the thesis entitled *"THE COMPRESSION AND DECOMPRESSION OF IMAGES USING VECTOR QUANTIZATION BY SELF ORGANIZING KOHONEN ARTIFICIAL NEURAL NETWORKS"*, being submitted by **Yogesh Haribhau Dandawate** to University of Pune, Maharashtra, India for the award of degree of Doctor of Philosophy in Electronics and Telecommunications Engineering and is a bonafied record of research work carried out by him. He has carried out work under supervision and guidance of **Dr.Mrs.M.A.Joshi** and has fulfilled the requirement of submission of the thesis. The matter embodied in this thesis has not been submitted elsewhere in part or full for the award of any degree or diploma.

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