



Reg.No.2011120015/RG



The Syndicate of the Anna University hereby makes known that **PAUL SINGARAYAR S** has been admitted to the **DEGREE OF DOCTOR OF PHILOSOPHY** under the **Faculty of Mechanical Engineering**, having been certified by the duly appointed examiners to be qualified to receive the same in the year **2018**. The degree has been awarded in compliance with the "**University Grants Commission, Regulations 2009**".

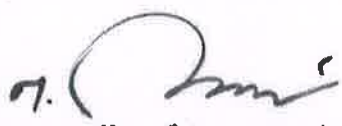
Title of the Thesis:

SCHEDULING OF VARIOUS MANUFACTURING SYSTEMS USING METAHEURISTIC APPROACHES

Given under the seal of the University



Chennai 600025
India
December 2018
PA002210


Controller of Examinations
PAUL SINGARAYAR S


Registrar


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