

SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY

(Deemed to be University Under Section 3 of UGC Act, 1956)



The Board of Management of Sathyabama Institute of Science and Technology hereby makes known that **IMMANUEL.Y** has been conferred the **DEGREE OF DOCTOR OF PHILOSOPHY** under the **FACULTY OF SCIENCE AND HUMANITIES (MATHEMATICS)**, having been certified by duly appointed examiners to be qualified to receive the same on **AUGUST 2019** for the thesis entitled **NUMERICAL SOLUTIONS OF UNSTEADY FREE CONVECTIVE HEAT AND MASS TRANSFER EFFECTS ON VERTICAL CONE USING NETWORK SIMULATION MODEL** given under the seal of the institution, at Chennai this **EIGHTEENTH** day of **SEPTEMBER 2020**

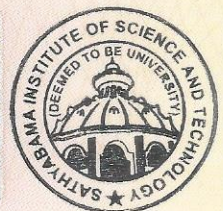
Given under the seal of the Institution

Vice Chancellor

Chancellor



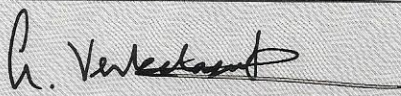
Dated : September 18, 2020



Jeppiaar Nagar, Chennai-600119,
Tamil Nadu, INDIA.





Read By	
Verified By	