

SATHYABAMA UNIVERSITY

(Established under section 3 of UGC Act, 1956)

(A CHRISTIAN MINORITY INSTITUTION)

சத்யபாமா பல்கலைக்கழகம்

(பல்கலைக்கழக மானியக் குழு பிரிவு 3, சட்டம் 1956ன் கீழ் நிறுவப்பட்டது)

(கிறித்துவ சிறுபான்மையினர் கல்வி நிறுவனம்)

FACULTY OF SCIENCE AND HUMANITIES
(MATHEMATICS)



The Board of Management of Sathyabama University, hereby makes known that
RAJA KUMAR. R
has been conferred
the **DEGREE OF DOCTOR OF PHILOSOPHY**, having been certified by duly appointed
examiners to be qualified to receive the same in **APRIL, 2013** for the thesis entitled

CHAOS AND ITS APPLICATIONS TO COMMUNICATION SYSTEMS

given under the seal of the university, at chennai this **THIRTIETH** day of
April 2013

Given under the seal of the University



Registrar

Director

Director

Vice-Chancellor



Date : April 30, 2013

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

