



SAVEETHA

INSTITUTE OF MEDICAL AND TECHNICAL SCIENCES
(Declared as Deemed to be University under Section 3 of UGC Act 1956)

Faculty of Engineering and Technology
The Board of Management hereby makes known that
Nafees Muneera M



Reg. No. 161503056

has been conferred the Degree of
**Doctor of Philosophy (Ph.D.) in
Computer Science and Engineering**

he/she having been certified by duly appointed examiners
to be qualified to receive the same in 19th August 2022. The degree has been
awarded in compliance with the "University Grants Commission, Regulation 2009".

Title of the Thesis

**Automatic Text Summarization and Categorization Model With Bidirectional
Training Using Shark Smell Optimization Algorithm.**

Given under the Seal of this University




Dr. Sheeja S Varghese
Registrar


Dr. Chadaram Sinaji
Vice - Chancellor

Chennai, India
Dated : 18-03-2023