

## DETAILS REQUIRED FOR UPLOADING THESIS IN SHODHGANGA

Department : Food Science and Nutrition  
Guide : Dr. P.A. Raajeswari, Professor & Head  
Department of Food Science and Nutrition  
Name of the Researcher : Amrutha B. Nair  
DEGREE DETAILS : Ph.D. Food Science and Nutrition  
Registration Date : 09-02-2017  
Completed Date : 09-02-2026  
Awarded Date : 09-02-2026  
THESIS DETAILS  
Title : ANTIOXIDANT POTENTIAL OF  
*Cucurbita pepo* L. (PUMPKIN) SEED  
EXTRACT IN THE TREATMENT OF  
STRESS INDUCED MALE  
INFERTILITY: AN IN VIVO STUDY  
Alternative Title (or Subtitle) : -  
Abstract (Enclosed) : Enclosed  
Note : -  
Keywords : Male Infertility, Oxidative Stress,  
*Cucurbita pepo* L. Seeds, Antioxidant  
Potential  
Language : English  
Subject Coverage : -  
Citation Reference : 345  
(No. of Reference / Bibliographic  
Records)  
SUBMISSION DETAILS  
Size : A4  
Dimension (e.g. 35cm) : 210 x 297 mm  
Accompanying Material (e.g.  
CD/DVD/None) : CD

**ANTIOXIDANT POTENTIAL OF *Cucurbita pepo* L. (PUMPKIN) SEED  
EXTRACT IN THE TREATMENT OF STRESS INDUCED MALE  
INFERTILITY: AN IN VIVO STUDY**

**Thesis Submitted in Partial Fulfilment of the Requirements for the Degree of  
Doctor of Philosophy in Food Science and Nutrition**

**By**

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## 80\_Recommendations

1. **Safety Profile:** Assess the long-term safety and efficacy of *Cucurbita pepo* L. seed extract on general health and reproductive health.
2. **Comparison with Other Treatments:** Compare the efficacy of *Cucurbita pepo* L. seeds with other known natural and pharmaceutical treatments for male infertility.
3. **Synergistic Effects:** Explore the potential synergistic effects of *Cucurbita pepo* L. seeds with other supplements or medications.
4. **Genetic Studies:** Analyze gene expression related to fertility and antioxidant defense.