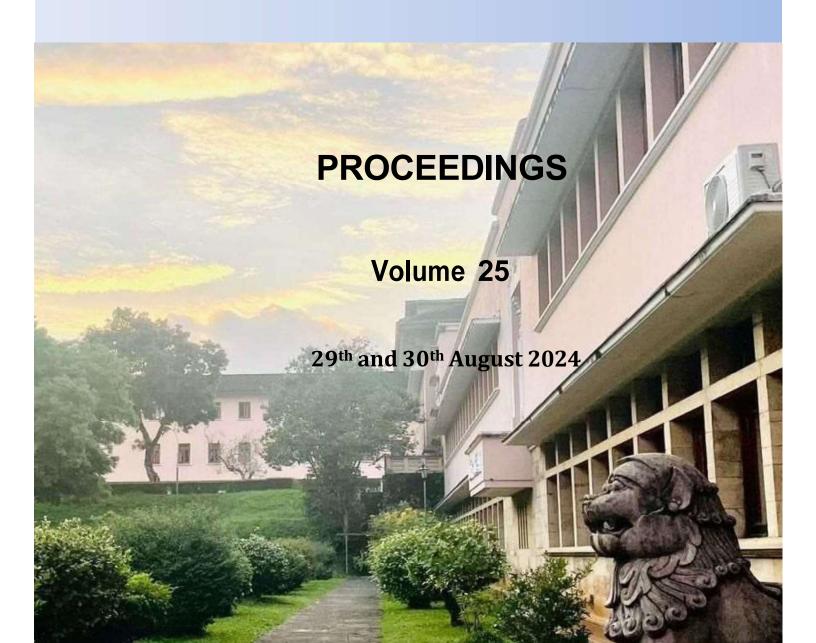




# PERADENIYA UNIVERSITY INTERNATIONAL RESEARCH SYMPOSIUM AND EXPOSITION

"A Resilient and Sustainable Sri Lanka: Weaving Together Diverse Threads"



### UNIVERSITY OF PERADENIYA

### **SRI LANKA**



"A Resilient and Sustainable Sri Lanka: Weaving Together Diverse Threads"

### **PROCEEDINGS**

## PERADENIYA UNIVERSITY INTERNATIONAL RESEARCH SYMPOSIUM AND EXPOSITION (iPURSE) 2024

Volume 25



29th & 30th August 2024

Hosted by

University Research Council

University of Peradeniya, Sri Lanka

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Proceedings of the PERADENIYA UNIVERSITY INTERNATIONAL RESEARCH SYMPOSIUM AND EXPOSITION (iPURSE) 2024

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E-ISSN 1391-4111

#### Published by

University of Peradeniya

Peradeniya, Sri Lanka

#### Design by

Editorial Board, iPURSE 2024 A Mithursan & H R D A Priyantha Faculty of Management University of Peradeniya

### Cover Design by

Namalika Karunaratne
Department of Farm Animal Production and Health,
Faculty of Veterinary Medicine and Animal Science
University of Peradeniya

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### Effectiveness of Dharma Therapy on Psychological Distress among Adult Cancer Patients in North Central Province of Sri Lanka: A Mixed Methods Study

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Cancer presents complex multifaceted physical and psychological issues. Research indicates that reducing Psychological Distress (PD) is as crucial as medical treatment for cancer patients. This study investigated the effectiveness of a Buddhist principlesbased intervention, Dharma Therapy Intervention (DTI), developed by Sik Hin Hung, in reducing PD among cancer patients in Anuradhapura, Sri Lanka. Ethical approval was obtained from the Ethics Review Committee of the Faculty of Medicine & Allied Sciences, Rajarata University of Sri Lanka. A mixed-methods design was used, consisting quasi-experimental nonequivalent groups and qualitative analysis of diary entries from participants. Forty participants, selected based on pre-determined criteria, were randomly allocated to intervention and non-intervention groups. PD was measured at pre-intervention and two post-intervention stages. Measurements included a demographic questionnaire, GHQ-30 Sinhala version for PD, and a Daily Record Book for qualitative data. The DTI comprised five individual counselling sessions and daily mindfulness practice. Data were analysed using IBM-SPSS-25 and thematic analysis. At the pre-intervention, ninety-five percent of the participants reported severe PD. Post-intervention statistical analysis showed a significant reduction in PD for the intervention group which received DTI (t (19) = 7.43, p < .001, two tailed, d = 1.96). Therefore, the effectiveness of DTI in reducing PD was noted at comparison levels of PD reported by non-intervention group (t (38) = 9.82,p < .001, two tailed, d = 3.1). Qualitative analysis revealed four positive themes; changes in attitudes about life and death, learning to regulate emotions, changes to behavioural patterns, and acquiring new knowledge. In conclusion, DTI of Sik Hin Hung showed significant impact on reducing PD among cancer patients in the study and was deemed as feasible intervention for Sri Lankan context, with relevant adaptable modifications for population characteristics. Future research with a 106andomized controlled design is proposed to verify these findings.

**Keywords:** Cancer Patients, Dharma Therapy, Mindfulness Based Psychotherapies, Psychological Distress, Sri Lankan Context