

CHAPTER 23

HOME SCIENCE

Doctoral Theses

224. CHAUHAN (Geeta)
Nutritional Status of Farm Women in Uttarakhand : Study on Pregnancy, Lactation and Infant Feeding Practices.
Supervisors : Dr. Ranjana Mahna and Dr. Kumud Khanna
Th 15740

Abstract

Studies the nutritional status of farm women in the hilly regions of Uttarakhand during late pregnancy and lactation period as well as their infant feeding practices for a period of six months. Shows a poor nutritional status of farm women during pregnancy and lactation due to heavy work schedules, poor living status and highly inadequate dietary intakes. This reflected in the form of low birth weight of the infants born to them and a high incidence of morbidity both in the mother and infants. A high degree of underweight and wasting in the infants is indicative of their poor nutritional status.

Contents

1. Introduction. 2. Review of literature. 3. Methods and materials. 4. Results and discussion. 5. Summary and conclusion. Bibliography and appendices.

225. GEETA KUMARI
Nutritional Appraisal of Pre and Postmenopausal Women and the Effect of Dietary Interventions.
Supervisors : Dr. Kumud Khanna and Dr. Ranjana Mahna
Th 15833

Abstract

Attempts to study the nutritional profile of premenopausal and postmenopausal women and the physiological and psychological symptoms associated with menstruation and menopause. The effects of soy isolate and calcium supplementation on the

postmenopausal symptoms as well as on the blood lipid profile, blood calcium and blood alkaline phosphatase level of the postmenopausal women are also studied.

Contents

1. Introduction. 2. Review of literature. 3. Methodology. 4. Results and discussion. 5. Summary and conclusions. 6. Bibliography. 7. Appendices.

226. JAIN (Pooja)
Mapping Risk Factors for Coronary Heart Disease in Urban Males : A Case-Control Study.
 Supervisor : Dr. Anupa Siddhu
 Th 15745

Abstract

Establishes the presence of coronary risk factors like smoking, history of hypertension, history of diabetes, family history of CVD, dyslipidaemia, physical activity, diet and alcohol, angiographically proven cases of CHD and comparing this data with the presence of the same risk factors in sex- and age-matched healthy controls.

Contents

1. Introduction. 2. Review of literature. 3. Objectives. 4. Material and methods. 5. Results. 6. Discussion. 7. Summary and conclusions. 8. Bibliography. Annexures.

227. JAIN (Rakhi)
Study of Factors Affecting Reproductive Health and Sexual Risk Taking Behaviour among Adolescent Girls.
 Supervisor : Dr. Jayanti Datta
 Th 15747

Abstract

Efforts have been made to quantify the risk to reproductive health both from sexual and treatment-seeking behaviour and comparing it with the background factors. It has led to identify segments of adolescent girls who are associated with quantifiable high risk and might be in need of preferential addressing by intervention programs. For unmarried adolescents, alongside answering the question, "How much"? the study

attempts to answer, the question, “How soon”? Sexual resilience has been measured and compared to background factors to identify the adolescents associated with low resilience. By identifying stages information of romantic alliances leading to sexual debut for unmarried adolescents and tracing their incidence against time the study generates various pace profiles of amotional and physical progress. These can be further explored and utilized for identifying opportunity and designing of intervention strategies to prevent premarital pregnancies.

Contents

1. Introduction. 2. Review of literature. 3. Methodology. 4. Results. 5. Discussion. 6. Recommendation for future research. 7. Suggested guidelines for counselling planners. 8. Summary and conclusion. Bibliography and appendices.

228. KAKAR (Sonia)
Development of Counseling Module for Nutritional, Lifestyle and Psychosocial Management of Patients with Type 1 Diabetes.
 Supervisor : Dr. Neena Bhatia
 Th 15743

Abstract

Conceptualizes, designs and develops a computer aided nutrition, lifestyle behavior modification and psychosocial counselling module for children with type 1 diabetes. Assesses the nutritional behavior and health beliefs of type 1 patients. Identifies psychosocial factors that may affect an individual’s capacity for diabetes self-care. Develops a module emphasizing nutritional and psychosocial issues. Also assess the effect of the developed module for imparting nutrition education and psychosocial support.

Contents

1. Introduction. 2. Review of literature. 3. Methodology. 4. Results and discussion. 5. Summary and conclusions. Bibliography and annexures.

229. KAPOOR (Kiran)
Costumes of Folk Dances of Western Rajasthan.
 Supervisors : Dr. Deepali Rastogi and Dr. Vandana Bhandari
 Th 15744

Abstract

Undertakes to understand and document the traditional costumes of selected folk dances of the desert region of Rajasthan. The folk dances are selected from the districts of Jodhpur, Barmer, Pali, Jalore, Jaisalmer and Sirohi that make the erstwhile Marwar region. Ten popular dances of this region are selected, Ghoomar, Kalbeliya, Loor and Teratali dances are performed by women only. Four dances are selected which are performed by only men - Ghair, Dhol, Dandiya and Kacchi Ghori.

Contents

1. Introduction. 2. Review of literature. 3. Materials and methods. 4. Results and discussion. 5. Summary and conclusions. Bibliography, glossary and appendices.

230. LAMBA (Reema)

Inclusion in Schools : An Analysis of Classroom Practices.

Supervisor : Dr. Renu Malaviya

Th 15759

Abstract

Conceptualizes to gain a situational analysis of how children with special needs are included in the classroom of select schools in Delhi. The study is undertaken in the context of changes happening at the macro level when inclusive education have become a part of the 'official rhetoric.' Policies on 'education for all' had made it mandatory for schools to provide meaningful and quality education to every child irrespective of the special need.

Contents

1. Introduction. 2. Method. 3. Results and discussion. 4. Conclusions and educational implications.

231. SETH (Upasana)

Development of Nutrition Education Module for Healthy Lifestyle of Adolescents.

Supervisor : Dr. Neena Bhatia

Th 15741

Abstract

Designs a successful healthy lifestyle program for adolescents with systematic approach that combines knowledge of determinants of behavior with efficacious strategies and an evaluation plan to promote healthy eating, active living and positive self and body image. Studies and identify factors influencing the health and nutrition behavior of adolescents. Develops Healthy Lifestyle Program (HLP) and assesses the effect of the developed nutrition education package for teaching healthy nutrition behavior to adolescents in school setting.

Contents

1. Introduction. 2. Review of literature. 3. Methodology. 4. Results and discussion. 5. Summary and conclusion. Bibliography and annexures.

232. SHARDA (Nidhi Lingwal)
Extraction and Application of Natural Dyes for Upgradation of Traditional Crafts and Textiles of Garhwal.
 Supervisor : Dr. Deepali Rastogi
 Th 15742

Abstract

Attempts to revive the century old tradition of natural dyeing by standardising procedures of extraction and dye application on wool by the available resources of the regioning woollen industry of Chamoli Garhwal. Botanical survey was done for the exploration of the flora of the region with the view of identifying plants with the potential of yielding natural textile dyes. As a result of this survey a catalogue of fifty dye yielding plants along with their feasibility of commercialisation is prepared. Four plants, viz. Kaphal (*Myrica esculenta*), Akhrot (*Juglan regia*), Kilmora (*Berberis aristata*) and Banjh ka Jhula (*Parmelia usnea*) are selected for the laboratory experiments.

Contents

1. Introduction. 2. Review of literature. 3. Methodology. 4. Results and Discussion. 5. Conclusion and summary. Bibliography and appendixes.

233. SHUKLA (Vasudha)
Studies on the Energy Requirements of Indian Soldiers and Influence of Appetite Regulatory Peptides on their Nutritional Status at High Altitude.
Supervisors : Dr. Anupa Siddhu and Dr. Som Nath Singh
Th 15746

Abstract

Establishes the energy requirements of Indian male soldiers and assess the nutritional status of soldiers, stationed at different locations and investigates the changes in plasma levels of appetite regulatory peptides in respect to altitude and acclimatization.

Contents

1. Introduction. 2. Review of literature. 3. Methodology. 4. Results and discussion. 5. Summary and conclusion. Bibliography and annexures.