EXPERIMENTAL NUTRITION

PSEN-01 REGULATION OF ENZYMES INVOLVED IN THE ONE CARBON CYCLE IN RAT PLACENTA IS DETERMINED BY MATERNAL MICRONUTRIENTS (FOLIC ACID, VITAMIN B\textsubscript{12}) AND OMEGA-3 FATTY ACIDS. Vinita Kote, Anvita Kale, Asmita Joshi, Preeti Chavan Gautam, Sadhana Joshi. Department of Nutritional Medicine, Interactive Research School for Health Affairs, Bharati University, Pune. Email: bvduirsha@gmail.com

PSEN-02 SUPPLEMENTATION OF OMEGA-3 FATTY ACIDS DURING GESTATION AND LACTATION TO VITAMIN B\textsubscript{12} DEFICIENT/ SUPPLEMENTED DIET IMPROVES PREGNANCY OUTCOME AND METABOLIC SYNDROME VARIABLES IN WISTAR RATS. Amrita Khaire, Richa Rathod, Nisha Kemse, Anvita Kale, Sadhana Joshi. Interactive Research School for Health Affairs, Bharati Vidyapeeth Deemed Interactive Research School for Health Affairs, Bharati Vidyapeeth Deemed University, Pune, India. Email: bvduirsha@gmail.com

PSEN-03 DEVELOPMENT OF VALUE ADDED PRODUCTS USING POTATO FLOUR FOR NUTRITIONAL AND HEALTH BENEFITS. Amandeep Kaur and Anita Kochhar. Punjab Agriculture University, Ludhiana. Email: kauramandeep@pau.edu

PSEN-04 DEVELOPMENT OF VALUE ADDED PRODUCTS USING PEANUT FLOUR FOR NUTRITIONAL AND HEALTH BENEFITS. Payal Bansal and Anita Kochhar. Punjab Agriculture University, Ludhiana. Email: bansal.payal19@gmail.com

PSEN-05 ACCEPTABILITY OF MILLET MIX BASED RECIPES AND THEIR IRON BIOAVAILABILITY. Anbu Malar M and Aruna Narayanan. PSG College of Arts and Science, Coimbatore, Tamil Nadu. India. Email: anbum256@gmail.com

PSEN-06 SUPPLEMENTATION OF ALL TRANS RETINOIC ACID AMELIORATES ALCOHOL INDUCED OXIDATIVE STRESS AND HYPERLIPIDEMIA. Saritha S Nair and Indira M. University of Kerala, Thiruvananthapuram, India. Email: nairssaritha@gmail.com

PSEN-07 EFFICACY OF COMBINED ADMINISTRATION OF A-TOCOPHEROL AND ASCORBIC ACID ON EXPRESSION OF APOPTOTIC MARKERS INDUCED BY ETHANOL. Prathibha P, Rejitha S and Indira M. University of Kerala, Thiruvananthapuram India. Email: ammuprabhakaran@gmail.com
PSEN-08 DEVELOPMENT AND STANDRARIZATION OF HIGH PROTEIN CORN SEV INCORPORATED WITH KIDNEY BEAN AND LENTIL FLOUR. Singh S1, Siraj P2, Shamim MZ1, Verma A1, Agrawal A1 and Srivastava B1. 1Department of Foods and Nutrition, Ethelind School of Home Science Sam Higginbotom Institute of Agriculture, Technology and Sciences, Allahabad, UP, India. 2Department of Community Medicine and Public Health, King George’s Medical University, Lucknow, UP, India. Email: singh.shikha489@gmail.com

PSEN-09 PHYSICOCHEMICAL PROPERTIES OF MAHUA OIL IN COMPARISON TO OTHER SELECTED OILS. Singh S3*, Siraj P2, Shamin MZ1, Verma A1, Agrawal A1 and Kumar A1. 1Department of Foods and Nutrition, Ethelind School of Home Science Sam Higginbotom Institute of Agriculture, Technology and Sciences, Allahabad, UP, India. 2Department of Community Medicine and Public Health, King George’s Medical University, Lucknow, UP, India. 3Centre of Food Technology, University of Allahabad, UP, India. Email: * singh.shikha489@gmail.com

PSEN-10 EVALUATION OF SAFETY ASPECTS OF MILK AVAILABLE IN DELHI. Jagriti Jain, Lady Irwin College, New Delhi. Email: jain_jagriti@yahoo.com

PSEN-11 EFFECT OF DIFFERENT DRYING PROCESSES ON ANTIOXIDANT PROPERTIES OF AMARANTH LEAVES. Mohammad Zaki Shamim1, Purnoor Siraj2, Shikha Singh1, Verma A1, Priya Srivastav1.. 1Department of Foods and Nutrition, Ethelind School of Home Science, SHIATS, Allahabad, UP 2Department of Community Medicine, King George’s Medical University, Lucknow, UP 3Department of Center of Food Technology, University of Allahabad, Allahabad, India. Email: nuur.mohammad@gmail.com

PSEN-12 ORGANOLEPTIC EVALUATION AND NUTRIENT COMPOSITION OF CUSTARD APPLE LEAF POWDER INCORPORATED VALUE ADDED SNACK (SEV). Vadivelu Kavitha and Saradha Ramadas V. Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore, Tamil Nadu. Email: kavitha_vadivelu@yahoo.com

PSEN-13 UNDERSTANDING HDL FUNCTIONALITY IN INDIANS. Priyanka Bannikoppa, Indu Mani and Anura V Kurpad. St. John’s Research Institute, Bangalore, Karnataka. Email: priyakalsur@gmail.com

PSEN-14 PHYSICAL AND SENSORY CHARACTERISTICS OF READY-TO-EAT FOOD PREPARED FROM MULTICEREAL COMPOSITE MIX BY EXTRUSION. Vasantha Kumari and Narayanasamy Sangeetha. Pondicherry University, Puducherry. Email: vasanthi.phd@gmail.com

PSEN-15 UTILIZATION OF MULTI MILLET MILK POWDER IN FORMULATION OF PASTA. Narayanasamy Sangeetha and Pushpa Devi Muruguan, Pondicherry University, Puducherry. Email: praba_sangeen@yahoo.com

PSEN-16 DIFFERENTIALLY OXIDATIVE STRESS LEVELS IN MOTHERS WITH PREECLAMPSIA DELIVERING MALE AND FEMALE BABIES. Alka Rani, Suchittra Roy, Kamini Dangat, Madhavi Dhobale, Sanjay Lalwani, Savita Mahendale, Sadhana Joshi. Interactive Research School for Health Affairs, Bharati Vidyapeeth University, Pune, India. Email: bvduirsha@gmail.com

PSEN-17 PREECLAMPSIA ALTERS MILK NEUROTROPHINS AND LONG CHAIN POLYUNSATURATED FATTY ACIDS. Kamini Dangat1, Anitha Kilari1, Savita Mahendale2, Sanjay Lalwani3, Sadhana Joshi1. 1Department of Nutritional Medicine, Interactive Research School for Health Affairs, Bharati Vidyapeeth University, Pune, India, 2Dept of Obstetrics and Gynecology, Bharati Medical College and Hospital, Bharati Vidyapeeth University, Pune, 3Department of Paediatrics, Bharati Medical College and Hospital, Bharati Vidyapeeth University, Pune. Email: bvduirsha@gmail.com
PSEN-18 MATERNAL MICRONUTRIENTS AND BRAIN GLOBAL METHYLATION PATTERNS IN THE OFFSPRING. Pratiksha Sable, Karuna Randhir, Anvita Kale, Preeti Chavan-Gautam, Sadhana Joshi. Department of Nutritional Medicine, Interactive Research School for Health Affairs, Bharati Vidyapeeth University, Pune, India. Email: bvduirsha@gmail.com

PSEN-19 DIFFERENTIAL EXPRESSION OF HUMAN PLACENTAL NEUROTROPHIC FACTORS IN PRETERM AND TERM DELIVERIES. Madhavi Dhobale1, Savita Mehendale2, Hemlata Pisal1, Sandhana Joshi1. 1Department of Nutritional Medicine, Interactive Research School for Health Affairs, Bharati Vidyapeeth University, Pune, India. 2Dept of Obstetrics and Gynecology, Bharati Medical College and Hospital, Bharati Vidyapeeth University, Pune, India. Email: bvduirsha@gmail.com

PSEN-20 ALTERED LEVELS OF LONG CHAIN POLYUNSATURATED FATTY ACIDS AND THEIR ASSOCIATION WITH BIRTH OUTCOME IN PRETERM PREGNANCY. Madhavi Dhobale, Prianka Karn, Savita Mehendale*, Hemlata Pisal, Sadhana Joshi. Department of Nutritional Medicine, Interactive Research School for Health Affairs, Bharati Vidyapeeth University, Pune, India. *Dept of Obstetrics and Gynecology, Bharati Medical College and Hospital, Bharati Vidyapeeth University, Pune, India. Email: bvduirsha@gmail.com

PSEN-21 BENEFICIAL EFFECTS OF OMEGA 3 FATTY ACID SUPPLEMENTATION IN REDUCING OXIDATIVE STRESS INDUCED BY VITAMIN B12 DEFICIENCY IN WISTAR RATS. Nisha Kemse, Amrita Khaire, Richa Rathod, Anvita Kale, Sadhana Joshi. Department of Nutritional Medicine, Interactive Research School for Health Sciences, Bharati Vidyapeeth University, Pune, India. Email: bvduirsha@gmail.com

PSEN-22 PRO- AND ANTI-INFLAMMATORY EFFECT OF BLACK GRAM (Vigna mungo) AND HORSE GRAM (Macrotyloma uniflorum). Vrinda Rajagopal and Helen A. Department of Biochemistry, University of Kerala, Kariavattom campus, Thiruvananthapuram, Kerala. Email: vrinda.mraj@gmail.com

PSEN-23 PRECONCEPTIONAL MATERNAL MICRONUTRIENT DEFICIENCY ALTERS PLACENTAL GLOBAL METHYLATION IN WISTAR RATS. Akshaya Meher, Shruti Jawale, Asmita Joshi, Sadhana Joshi. Interactive Research School for Health Affairs, Bharati Vidyapeeth University, Pune, India. Email: bvduirsha@gmail.com

PSEN-24 GESTATION DEPENDENT CHANGES IN OXIDATIVE STRESS AND ANTIOXIDANT ENZYME DEFENSES IN WOMEN WITH PREECLAMPSIA. Vamdota D’Souza1, Vidya Patil2, Savita Mehendale3, Girija Wagh3, Sanjay Gupte3, Hemlata Pisal1, Hemlata Madhavi1, Sadhana Joshi1. 1Department of Nutritional Medicine, Interactive Research School for Health Affairs; Bharati Vidyapeeth University, Pune India 2Department of Obstetrics and Gynaecology, Bharati Medical College and Hospital, Bharati Vidyapeeth University, Pune, India 3Gupte Hospital and Research Centre, Pune, India. Email: bvduirsha@gmail.com

PSEN-25 REGION WISE DIFFERENCES OF THE ANTI-OXIDANT ENZYME CATALASE IN NORMAL AND PREECLAMPTIC PLACENTAE AND THEIR ASSOCIATION WITH BLOOD PRESSURE AND GESTATION. Akriti Sahay1, Deepali Sundrani1, Girija Wagh2, Savita Mehendale2, Sadhana Joshi2. 1Department of Nutritional Medicine, Interactive Research School for Health Affairs, Bharati Vidyapeeth University, Pune, India. 2Dept of Obstetrics and Gynecology, Bharati Medical College and Hospital, Bharati Vidyapeeth University, Pune. Email: bvduirsha@gmail.com
PSEN-26 BIOACCESSIBILITY OF IRON FROM FOOD GRAINS AS INFLUENCED BY EDTA. Shweatha HE and Kalpana Platel. Department of Biochemistry and Nutrition, Central Food Technological Research Institute, CSIR, Mysore, India. E-mail:shweatha.he@gmail.com

PSEN-27 EFFECT OF COOKING /PROCESSING ON BIOACCESSIBILITY OF POLYPHENOLS AND ANTIOXIDANT CAPACITY IN RED ONIONS (Allium cepa L.). Naveena Natarajan and Bhaskarachary K. National Institute of Nutrition, Indian Council of Medical Research, Hyderabad, India. Email: natarajan.naveena@gmail.com

PSEN-28 FOURIER COEFFICIENTS OF RESPIRATORY QUOTIENT HEALTHY ADULT INDIAN MALE. Kishor Bhat, Sejil TV and Anura Kurpad. St. John’s Research Institute, Bangalore, India. Email: myprostheticsoul@gmail.com

PSEN-29 BODY COMPOSITION OF SOUTH INDIAN NURSING STAFF WORKING IN A TERTIARY CARE HOSPITAL. Mamatha Philip, Jeevan MK, Anura Kurpad, Rebecca Kuriyan. St. John’s Research Institute, Bangalore, India. Email: mamatha@sjri.res.in

PSEN-30 DIFFERENTIAL RATIOS OF OMEGA 3 AND OMEGA 6 FATTY ACIDS REGULATE BREAST CANCER THROUGH LIPID PEROXIDATION INDUCTION AND MODULATION OF MARB PROTEINS. Prakash Mansara, Rashmi Deshpande and Ruchika Kaul-Ghanekar. Interactive Research School for Health Affairs (IRSHA), Bharati Vidyapeeth University, Pune, India. Email: prakashpm@live.com

PSEN-31 PREPARATION OF MUSKMELON (Cucumis melo) SEED EXTRACT - BOVINE MILK BLENDS AND ITS USAGE TO PREPARE SAPOTA SHAKE AND ICE CREAM. Preeti Verma, Sheel Sharma, Pooja Maheshwari. Banasthali University, Jaipur, Rajasthan. Email: preetiv335@gmail.com

PSEN-32 DEVELOPMENT OF PLANT BASED IRON RICH FOOD PRODUCTS AND THEIR EFFICACY EVALUATION USING FOOD BASED APPROACH. Shivanki Aggarwal, Sheel Sharma, Nidhi Agarwal, Nishika. Banasthali University, Jaipur, Rajasthan. Email: shivankkiaggarwal88@gmail.com

PSEN-33 PRODUCT DEVELOPMENT OF INSTANT IDLI MIX INCORPORATED WITH FREEZE DRIED FUNCTIONAL INGREDIENTS. Kamashi S and Narayanasamy Sangeetha. Pondicherry University, Puducherry. Email: kamashi88@gmail.com

PSEN-34 A STUDY ON HEAVY METAL TOXICITY AND PROTECTIVE ROLE OF VITAMIN C AND GLUTATHIONE IN MOUSE KIDNEY. Gayatri R Patil and Vijayalaxmi Kamaraddi*. MK Sanghvi College, Mumbai, Maharashtra, India. *Division of Food Science and Technology, Agriculture College, Hassan, India. Email: gayatrirpatil@gmail.com

PSEN-35 DEVELOPMENT OF RAGI / FINGER MILLET PORRIDGE : SENSORY, BIOCHEMICAL AND MICROBIAL ASSESSMENT. Induja Awasthi, Purnoor Siraj, Maitreyee P Pandey*. Chatrapathi Shahuji Maharaj Medical University, Lucknow, India. *Medical University of Vienna. Email: indujaaawasthi@gmail.com

PSEN-36 STANDARDIZATION AND CHARACTERIZATION OF GERMINATED BROWN RICE AS FUNCTIONAL DIETARY STAPLE FOR ENHANCED NUTRITION. Vijayalaxmi Kamaraddi* and Jamuna Prakash**. *University of Agricultural Sciences, Bangalore. **University of Mysore, Mysore. Email: vkuasb@gmail.com
PSEN-37  FRUCTOLOGOSACCHARIDE(FOS) IMPROVES LEUKOCYTE FUNCTION IN SWISS ALBINO MICE. Himaja Nallagatla and Hemalatha Rajkumar. National Institute of Nutrition, Indian Council of Medical Research, Hyderabad, India. Email: nallagatla.himaja7@gmail.com

PSEN-38  EFFECT OF PSYLLIUM HUSK SUPPLEMENTATION AMONG EXERCISING OVERWEIGHT/OBESE WOMEN ON BODY COMPOSITION AND POST PRANDIAL GLUCOSE CONCENTRATION. Geetanjali G. Ahuja1 and Meena L. Godhia2. 168/C Vaidya Lane, Thakurdwar Road, Mumbai, India 2Indira Gandhi National Open University, New Delhi, India. Email: geetanjali.ahuja@yahoo.com

PSEN-39  ORGANOLEPTIC EVALUATION OF PRODUCTS BY INCORPORATION OF BROCCOLI LEAVES AND FLORET FOR NON-INSULIN DEPENDENT DIABETICS. Madhu V and Anita Kochhar. Department of Food and Nutrition, College of Home Science, Punjab Agricultural University, Ludhiana, India. Email: madhu.17june@gmail.com

PSEN-40  BARNYARD MILLET (Echinochala frumentacea): REPERCUSSION OF MALTING ON NUTRITIONAL AND FUNCTIONAL ASPECTS AND SUPPLEMENTATION OF ITS FLOUR IN BAKERY PRODUCTS. Divya Rawat, Banasthali University, Jaipur, Rajasthan. Email: 3.divyarawat@gmail.com

PSEN-41  EFFICACY OF CO-ADMINISTRATION OF α-TOCOPHEROL AND ASCORBIC ACID ON EXPRESSION OF APOPTOSIS INDUCED BY ETHANOL. Prathibha P and Indira M. Department of Biochemistry, University of Kerala, Thiruvananthapuram, India. Email: ammuprabhakaran@gmail.com

PSEN-42  PREPARATION OF ANTIOXIDATIVE WHEY PROTEIN HYDROLYSATE. Sundaramoorthy Haripriya, Devi Karuthapandian, Naveen Kumar JK. Department of Food Science and Technology, Pondicherry University, Puducherry. Email: shprieya@gmail.com

PSEN-43  OPTIMIZATION OF STARCH PRODUCTION FROM SUB STANDARD POTATOES. Uma Kulkarni, Pushpa Bharathi, Rokhade AK, Nazneen. University of Agricultural Sciences, Dharwad, Karnataka, India. Email: unk.uma2007@rediffmail.com

PSEN-44  NON-TRANSFERRIN MEDIATED IRON UPTAKE IN BEWO-HUMAN PLACENTAL TROPHOBLASTIC CELL LINES. Sravanthy Y, P.Raghu, K.Madhavan Nair, Division of Micronutrient Research, National Institute of Nutrition, Indian Council of Medical Research, Hyderabad, India. Email: sravanthy0404@gmail.com

PSEN-45  APPLICATION OF CHITOSAN TO EXTEND SHELF-LIFE OF WHOLE TOMATOES. Sucharitha KV, Ravi Kiran K, Beulah AM. Dept of Home Science, Sri Venkateswara University, Tirupati, Andhra Pradesh, India. Email: suchivenkata@gmail.com

PSEN-46  ETHANOLIC EXTRACT OF SIDA CORDIFOLIA LINN. DOWN REGULATES ALCOHOL INDUCED APOPTOTIC PATHWAY IN THE LIVER. Rejitha S, Prathibha P, Indira M. University of Kerala, Thiruvananthapuram, India. Email: rejitha009@gmail.com

PSEN-47  EVALUATION OF PHYSICOCHEMICAL AND ANTIOXIDANT PROPERTIES OF BER (Zizyphus mauritiana) AND RTS BER BEVERAGE. Kavitha C1, Ganesh V Bhat, Aparna Kunma2, Supraja T2, Padmavathi TVN1, Neeraja Prabhakar3, Blessy Sagar S1. 1Post-Graduate and Research Centre, Acharya NG Ranga Agricultural University, Hyderabad, India 2Department of Foods and Nutrition, College of Home Science, ANGRAU, Hyderabad, India 3Department of Horticulture, College of Agriculture, ANGRAU, Hyderabad, India. Email: kkavithac9@gmail.com
MOTHERS’ MILK LIPID FLUIDITY: A POTENT HEALTH FACTOR FOR NEONATES. Susmita Roy, Santinath Ghosh, Pubali Dhar, Mahua Ghosh. University of Calcutta, Kolkata, West Bengal, India. Email: susmita.roy.naihati@gmail.com

A STUDY ON POTENTIAL OF SULPHUROUS VEGETABLES TO CONTROL THERMAL OXIDATION OF VEGETABLE OIL. Shruti Agarwala and Banani De. J.D. Birla Institute, Kolkata, West Bengal, India. Email: shruti.agarwala90@gmail.com

VALUE ADDED WOOD APPLE JAM AND ITS NUTRIENT COMPOSITION. Anitha S, Hiremathy Umadevi, Baddi Jayalaxmi. University of Health Sciences, Bangalore, Karnataka, India. Email: with_anitha@rediffmail.com

ORGANOLEPTIC CHARACTERISTICS AND SHELF-LIFE STUDY OF THE NUTRI-DENSE PRODUCTS. Charis Ripnar, Umadevi Hiremath, Anitha S. University of Agricultural Sciences, Gandhi Krishi Vigyan Kendra, Bangalore, Karnataka, India. Email: charisripnar@gmail.com

EFFECT OF DIFFERENT PROCESSING METHODS ON NUTRITIONAL COMPOSITION OF WHITE KIDNEY BEAN (Phaseolus nanus L.) ALONG WITH FOOD PRODUCT DEVELOPMENT ENDEAVOUR. Shilpi Singh, Sheel Sharma, Ruchi Choudhary, Priyanka Panwar. Banasthali University, Vanasthali, Rajasthan. Email: shilpisinghgotan2011@gmail.com

IN VITRO DETERMINATION OF GLYCEMIC INDEX AND FACTORS EFFECTING GLYCEMIC INDEX IN RICE VARIETIES—RED RICE, BROWN RICE AND WHITE RICE. Vahini J and Bhaskara Chary K. National Institute of Nutrition, Indian Council of Medical Research, Hyderabad, India. Email: vahini.raidu@gmail.com

EVALUATION OF QUALITY CHARACTERISTICS OF PINEAPPLE (Ananas comosus) EXTRACTS INFUSED COCONUT CHIPS. Ramya Goby and Narayanasamy Sangeetha. Pondicherry University, Puducherry, India. Email: ramya.goby988@gmail.com

CHEMICAL MODIFICATION AND CHARACTERIZATION OF STARCH FROM BANANA (Musa acuminata). Chagam Koteswara Reddy, Elakkia T, Haripriya S. Pondicherry University, Puducherry, India. Email: koteswarreddychagam@gmail.com

FORMULATION OF IRON AND CALCIUM RICH HEALTH MIX FOR SUPPLEMENTATION IN WOMEN SUFFERING FROM PREMENSTRUAL SYNDROME. Suba G and Thirumani Devi A. Avinashilingam University, Coimbatore, Tamil Nadu. India. Email: subag74qmc@gmail.com

ALKALINE EXTRACTION CONDITIONS OPTIMISATION FOR EXTRACTING PROTEIN FROM GERMINATED GREEN GRAM (Vigna radiata L.). Anil Bukya and Poongodi Vijayakumar. Periyar University, Salem, Tamil Nadu, India. Email: anilrathod23@gmail.com
PSFSN-11 IMPACT OF NUTRITION INTERVENTION AND EDUCATION ON TRAUMA SUBJECTS. Deepa Sathish and Thirumanidevi A. Avinashilingam Institute of Home Science and Higher Education for Women, Coimbatore, Tamil Nadu. Email: deepasathis@gmail.com

PSFSN-12 VALUE ADDITION OF TRADITIONAL RECIPES. Asha Arya, Archana Bhoyar, Rupali Patange. College of Home Science, Vasantrao Naik Marathwada Krishi Vidyapeeth, Parbhani, Maharashtra, India. Email: asha_22902@rediffmail.com

PSFSN-13 A COMPARATIVE STUDY ON THE BENEFITS OF FLAVOURED BLACK TEA. Aditi Khanna and Sonali Ghosh, JD Birla Institute, Kolkata, West Bengal, India. Email: cooladiti50@yahoo.in

PSFSN-14 EFFECT OF SUPPLEMENTATION OF BRAHMI POWDER (Bacopa monnieri) ON PHYSICOCHEMICAL AND ORGANOLEPTIC QUALITY OF BAKED PRODUCTS. Navjot Kaur, Preeti Ahluwalia, Jaswinder Sangha, Amarjeet Kaur. Punjab Agricultural University, Ludhiana, India. Email: drnavjotgill@pau.edu

PSFSN-15 EFFECT OF DIGESTIVE ENZYMES ON ANTIOXIDANTS FROM FIBRE RICH CEREAL FRACTIONS. Aisha Siddique A, Jamuna Prakash, Bhavya SN. University of Mysore, Mysore, India. Email: siddiquekhuresh_mail@yahoo.com

PSFSN-16 DEVELOPMENT OF NUTRITIOUS FOOD FOR CHILDREN TO COMBAT NUTRITIONAL DEFICIENCY DISORDERS. Hemalatha MS*, Ashwath Kumar K**, Jyothishakshmi A**, Sindhukanya TC**, Venkata Rao S**. *Karnataka State Open University, Mukthagangotri, Mysore **Central Food Technological Research Institute, Council for Scientific & Industrial Research, Mysore. Email: drmsheemap77@gmail.com

PSFSN-17 FREE RADICAL SCAVENGING ACTIVITY OF COMMONLY CONSUMED INDIAN SPICES AND THEIR ACTIVE INGREDIENT. Kartick Patra, Samarjit Jana, Shamee Bhattacharjee, Deba Prasad Mandal. West Bengal State University, North 24-Paraganas, West Bengal, India. Email: kartick14patra@gmail.com

PSFSN-18 ISOLATION, ESTIMATION AND CHARACTERIZATION OF RESISTANT STARCH IN DIFFERENT RICE (Oryza sativa) PRODUCTS. Chitra Pillai and Harikumaran Thampi. University of Calicut, Calicut, Kerala. Email: chitaraa.pillail@gmail.com

PSFSN-19 A STUDY ON THE MICROBIAL LOAD, QUALITY ASSESSMENT AND NUTRITIONAL CHARACTERISTICS OF MILLLET THENAI (Setaria italica) INCORPORATED BATTER ON NATURAL FERMENTATION. Divya SB and Saraswathy K. PSG College of Arts and Science, Coimbatore, Tamil Nadu. Email: divyabalakrishnan91@gmail.com

PSFSN-20 A STUDY ON THE MICROBIAL LOAD, QUALITY ASSESSMENT AND NUTRITIONAL CHARACTERISTICS OF MILLET SAMAI (Panicum miliare) INCORPORATED BATTER ON NATURAL FERMENTATION. Divya SB and Saraswathy K, PSG College of Arts and Science, Peelamedu, Coimbatore, Tamil Nadu, India. Email: divyabalakrishnan91@gmail.com

PSFSN-21 OPTIMIZING THE EXTRACTION OF POLYPHENOLS FROM GARDEN CRESS SEED. Snehal Doke and Manisha Guha. Central Food Technological Research Institute, Council for Scientific and Industrial Research, Mysore, Karnataka, India. Email: snnedo@gmail.com
PSFSN-22 COMPLETE PROTEINS FOR A GROWING CHILD- A THEORETICAL CALCULATION. Ramya Rajendran, Indu Mani, Anura Kurpad. St. John's Research Institute, Bangalore, India. Email: ramya_rajendran92@yahoo.in

PSFSN-23 INCORPORATION OF FOOD GROUPS IN PRODUCTS FOR COMBATING MICRONUTRIENT DEFICIENCY. Charis Ripnar, Umadevi Hiremath, Anitha S. University of Agricultural Sciences, Gandhi Krishi Vignan Kendra, Bangalore, India. Email: charisripnar@gmail.com

PSFSN-24 NUTRIENT AND OBJECTIVE ANALYSIS OF BURFI AND SURVEY ON CONSUMER AWARENESS ON OATS. Urooj Birjis Fatima, Ashlesha Pendli, Shruti Kabra. Osmania University College for Women, Koti, Hyderabad, India. Email: uroojabirjis@yahoo.com

PSFSN-25 REFORMULATION OF MAHARASHTRIAN SWEET UNLEAVENED STUFFED FLAT BREAD FOR NUTRITION BENEFITS. Asha Mane, Vanita Shivankar, Ujwala Dhewale. Department of Home Science, Sant Gadge Baba Amravati University, Amravati, Maharashtra, India. Email: agmane@gmail.com

PSFSN-26 INHIBITION OF OXIDATION BY POMEGRANATE AND OLIVE IN SUNFLOWER OIL. Mozhgan Poodineh, Vanitha P Reddy, Asna Urooj. University of Mysore, Mysore, India. Email: poodineh_mail@yahoo.com

PSFSN-27 DEVELOPMENT AND SENSORY EVALUATION OF OATS AND SOY BEAN CONFECTIONERY PRODUCTS. Fariya Tabassum and Divya ES. Osmania University College for Women, Koti, Hyderabad, India. Email: fariya_khan99@gmail.com

PSFSN-28 NUTRIENT ANALYSIS, STORAGE STUDIES OF MILLETS AND SOY BASED WEANING MIX AND SURVEY ON CONSUMER AWARENESS OF SOY PRODUCTS. Asfia Fatima, Ashlesha Pendli, Shruti Kabra. Osmania University College for Women, Koti, Hyderabad, India. Email: asfiafatima9@gmail.com

PSFSN-29 A STUDY ON ASSESSING THE KNOWLEDGE OF TRADITIONAL USES OF CHENOPODIUM ALBUM (BATHUA) LEAVES AMONG GERIATRICS: NUTRIENT ANALYSIS OF A DEVELOPED PRODUCT. Sumayya Palekar, Ashlesha P, Suma P. Osmania University College for Women, Koti, Hyderabad, India. Email: sumayyapalekar@gmail.com

PSFSN-30 A STUDY ON ASSESSING THE KNOWLEDGE OF TRADITIONAL USES OF COCCULUS HIRSUTUS LEAVES AMONG GERIATRICS: DEVELOPMENT OF A PRODUCT AND NUTRIENT ANALYSIS. Nida Fatima, Ashlesha Pendi, Suma P. Osmania University College for Women, Koti, Hyderabad, India. Email: nida_fatima@yahoo.com

PSFSN-31 IMPACT OF EDUCATION ON NUTRITION AND EXERCISE AMONG SELECTED OBESE AND OVERWEIGHT SCHOOL CHILDREN IN COIMBATORE. Malini K and Chitra R. PSG College of Arts and Science, Coimbatore, Tamil Nadu, India. Email: malinivivek@yahoo.com

PSFSN-32 DEVELOPMENT OF COOKIES USING FLAX SEEDS AND OATS. Kulsum Abbas, Shanti Priya T, Rumana Farooqui, Zubaida Azeem, Ashlesha P. Osmania University College for Women, Koti, Hyderabad, India. Email: princesskulsum12@gmail.com

PSFSN-33 NUTRIENT AND OBJECTIVE ANALYSIS OF SORGHUM AND OATS BISCUITS AND AN AWARENESS STUDY ON OATS. Monika SJ, Ashlesha Pendali, Shruti Kabra. Osmania University College for Women, Koti, Hyderabad, India. Email: suryas.mona@gmail.com
PSFSN-34  A STUDY ON AWARENESS OF IMPORTANCE OF NUTS AMONG ADOLESCENCE AND ADULTS & DEVELOPING A PRODUCT USING NUTS. Ayesha Humera, Kreethi Priya, Ashlesha P, Ruman Farooqui. Osmania University College for Women, Koti, Hyderabad, India. Email: princes_ash786@yahoo.com

PSFSN-35  A COMPARATIVE STUDY ON FOOD CONSUMPTION PATTERN AND NUTRITIONAL STATUS OF WORKING WOMEN (VS) HOME MAKERS (22-65 YEARS). Rumana Farooqui, Anjum Fatima, Zubaida Azeem, Ashlesha P. Osmania University College for Women, Koti, Hyderabad, India. Email: rumafarooqui@gmail.com

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**PSFSN-46** USE OF FINGER MILLET IN COOKIES AND THEIR SENSORY AND NUTRITIONAL QUALITY. Rekha Sinha, Bindu Sharma, Nilika Chandra, Smita Shweta. Birsa Agricultural University, Kanke, Ranchi, Jharkhand. Email: sinharekha_05@yahoo.co.in

**PSFSN-47** PHYSICO-CHEMICAL ANALYSIS OF VARIOUS MALTED FOOD GRAINS AND THEIR NUTRITIONAL VALUES. Vijaya Kumar B and Reddy OVS. Department of Biochemistry, S. V. College, Tirupati, Andhra Pradesh, India. Email: bvskbio@gmail.com

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**PSFSN-49** QUALITY CHARACTERISTICS OF COOKIES DEVELOPED WITH COMPOSITE FLOUR. Sughanya Ranjan and Radhai Sri. PSG College of Arts and Science, Coimbatore, Tamil Nadu, India. Email: sughanya16@gmail.com


**PSFSN-51** FORMULATION AND ACCEPTABILITY OF RECIPES INCORPORATED WITH KODOMILLET. Kalpana CA and Koushikha NM. Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore, Tamil Nadu, India. Email: cakalpana272@gmail.com

**PSFSN-52** PREVALENCE OF ANAEMIA AMONG THE SELECTED IRULAR TRIBAL ADOLESCENT GIRLS OF COIMBATORE DISTRICT. Bharathi Dhevi and Bhooma Mani. Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore, Tamil Nadu, India. Email: bharathidhevi@gmail.com

**PSFSC-53** ANTIOXIDANT AND POLYPHENOL PROFILE OF TERMINALIA ARJUNA IN TRADITIONAL AND MODERN FORMULATION. Nivedita Dube, Chetan C. Nimgulkar, Sanchita Sengupta and B. Dinesh Kumar. Food & Drug Toxicology Research Centre, National Institute of Nutrition, ICMR, Hyderabad, India. E-mail: nivmish@gmail.com
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PSSN-01 EFFECT OF PHYSICAL ACTIVITY INTERVENTION ON OVERALL PHYSICAL FITNESS IN YOUNG WOMEN WITH AND WITHOUT POLYCYSTIC OVARIAN SYNDROME. Geetikka Manjrekar and Geetanjali Kelkar. Nirmala Niketan College of Home Science, Mumbai, India. Email: geetikka.manjrekar8@gmail.com

PSSN-02 ENERGY BALANCE AND PHYSICAL FITNESS AMONG SELECTED ATHLETES OF COIMBATORE DISTRICT. Mahalakshmi Sangeetha K*, Lalitha Ramaswamy**, Jisna PK*. *Department of Foods and Nutrition, Rathnavel Subramaniam College of Arts and Science, Coimbatore **Department of Nutrition and Dietetics, PSG College of Arts and Science, Coimbatore. Email: sangeetha@rvgroup.com

PSSN-03 FOOD AND NUTRITIONAL ADEQUACY AMONG THANG TA AND TWAEKWONDO ATHLETES IN MANIPUR. Thongam Chanu Anel and Sylvia Subapriya. Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore, Tamil Nadu, India. Email: n.neluma246@gmail.com

OTHERS

PSOC-01 METHANOLIC EXTRACT OF OCIMUM SANCTUM LINN. LEAVES DOWNREGULATES OXIDATIVE STRESS ASSOCIATED WITH ISOPROTERENOL INDUCED MYOCARDIAL INFARCTION. Kavita S, Febi John, Indira M. University of Kerala, Thiruvananthapuram, India. Email: kavithasankaran87@gmail.com

PSOC-02 COMBINED EFFECTS OF ATORVASTATIN AND NICOTINE ON TESTICULAR EXPRESSION OF STEROIDOGENIC ENZYMES IN EXPERIMENTAL RATS Syam Das S and Indira M. University of Kerala, Thiruvananthapuram, India. Email: sm06.1985@gmail.com

PSOC-03 MODULATORY EFFECT OF ETHYL ACETATE FRACTION OF CISSSUS QUADRANGULARIS STEM ON LIPID METABOLISM IN EXPERIMENTAL DIABETES MELLITUS. Lakshmi RK and Mini S. Department of Biochemistry, University of Kerala, Thiruvananthapuram, India. Email: bclekshmi@gmail.com

PSOC-04 IN UTERO EXPOSURE OF ALCOHOLIC BEVERAGE: INFLUENCE OF CONGENERS ON NEUROTOXICITY INDUCED BY LAGER BEER IN PUPS. Sreeranjit Kumar CV, Syam Das*, Indira M*. Research and PG Department of Zoology, Government Victoria College, Palakkad, Kerala *Department of Biochemistry, University of Kerala, Thiruvananthapuram, Kerala, India. Email: sreeranjit@gmail.com

PSOC-05 SEPARATION AND PURIFICATION OF C-PHYCOCYANIN FROM SPIRULINA PLATENSIS-S5. Ayyaraju M and Murthy SDS*. Department of Biochemistry, Sri Venkateswara University, Tirupati, Andhra Pradesh, India. Email: rajuma.svu@gmail.com *sdsmurthy@rediffmail.com

PSOC-06 THE PATTERN OF CONSUMPTION OF ENERGY DRINKS AMONG COLLEGE STUDENTS. Summiya Parvaiz, Lavanya M, Rumana Farooqui, Ashlesha P. Osmania University College for Women, Koti, Hyderabad, India. Email: summiyaaltaf@yahoo.com