**Commercialization of inventions and innovations on products, processes and developments for Cosmetics, Textile & Apparel, Footwear, Leather and related wearable fashion accessories, Pharmaceuticals, Wellness products and nutraceuticals and related services and support system based Industries.**

**(Development Division 03)**

**List of Presenters**

**Oral Presentation**

|  |  |  |  |
| --- | --- | --- | --- |
| **No.** | **Name & University** | **Title** | **Sector** |
| 01 | B. Subashni and A.C.S.I. Mumthas  Sri Lanka Institute of textile & Apparel  **(Best 3 research)** | Banana Fiber Extraction and Treatment for Textile Production: A Sustainable Approach | Textile & Apparel |
| 02 | Prof. Anoja Attanayake  University of Ruhuna  **(Best 3 research)** | Nanoformulation for type 2 diabetes mellitus | Wellness product & nutraceuticals |
| 03 | Dr.N.Rohan Basil Nishshanka  **(Best 3 research)** | "Green Leaf" Medicinal Herbal Anti Smoker Mouth Liquid | *Wellness product & nutraceuticals* |
| 04 | R.M.G. Rajapakse, Senior Professor, University of Peradeniya  **(Success Story)** | Development and Commercialization of RESPIRONE NAO AV 99 FACE MASK capable of destroying SARS CoV-2 and its variants | Wellness product & nutraceuticals |
| 05 | Mr. Arosh Sandeepa Wijesinghe | A process for manufacturing waste textile fiber reinforced polymer composites and composites produced therewith | Textile |
| 06 | Dr. Vajira Asela Agampodi | Development of novel easy-to-use instant herbal tablets using natural products extracted from organic waste. | Pharmaceuticals |
| 07 | Prof. Mayuri Napagoda, University of Ruhuna | Herbal lip balms from the flowers of  Nelumbo nucifera (Indian lotus) | Cosmetics |
| 08 | Mr .G.I.D. Susitha Pradeep | Design And Construct A Multi-functional Digital PCA (Patient Controlled Analgesia) Syringe Pump | Pharmaceuticals |
| 09 | Mr. Lochana Weerasinghe  Department and Apparel Engineering / University of Moratuwa | Towards the Development of an Antibacterial Wound Dressing with Effective Management of Wound Exudate | Textile and Apparel/pharmaceuticals |
| 10 | Dr. Anuluxshy Balasubramaniyam -  Palmyrah Research Institute, Jaffna | Palm Moisturizing Facial Cream/ Solid Lotion Bar | Cosmetics |
| 11 | Prof. Anoja Attanayake  University of Ruhuna | A herbal composition for the treatment of kidney disease | Wellness products and nutraceuticals |
| 12 | P. A. Kaumadi Madurya (Undergraduate),  Department of Pharmacy,  University of Ruhuna | Analysis of physicochemical properties and in-vitro sun protective activity of fish oil extracted from waste products (skin) of fresh water carp Catla catla, and formulation of a sun protective serum. | Cosmetics |
| 13 | K.M.S.A.K Dehideniya, University of Ruhuna, Sri Lanka | Plant-based Sausage product | Wellness products and nutraceuticals |
| 14 | Ms. W.A.Dinithi Nuwanthika, ANTLER FABRIC PRINTERS (PVT) LTD | Embroidery Simulation Transfer | Textiles and Apparel products |
| 15 | Dr. Dulini Yasara Mudunkotuwa, University of Sri Jayewardenepura | Heated Resin Infusion Table for Making Laminated Materials | Software, machinery, consumables, services and support systems related to the above categories |
| 16 | R.D.N Wijesinghe, Senior Lecturer, University of Ruhuna | Production of Eco-Friendly and Economically feasible fish leather | Leather and related wearable fashion accessories |
| 17 | K.P. Maadri Amaaya Pathirana  University of Moratuwa | Development of a Nanocomposite Membrane for Organic Dye Removal | Textile & Apparel |
| **Video Posters** | | | |
| 1 | A H Kamal Nandana-  D Samson Industries (PVT) Ltd | Toe cover Flip Flop | Footwear |
| 2 | Ms. K. Vindula Savindini Nimalasuriya | solar jacket | Leather and related wearable fashion accessories, Textiles and Apparel products |
| 3 | Mr. Chamal Jayasinghe | Manufacturing Regenerated Cellulose Fibers Based on Local Resources Found in Sri Lanka | Textiles and Apparel products |
| 4 | Leonie Vaas - Hayleys Fabric PLC | "Warna by Mahogany" – An eco-friendly method of fabric dyeing using natural dye extracted from Mahogany bark (Swietenia macrophylla) | Textiles and Apparel products |
| 5 | Ms. K.M. Udari Priyadarshani | Banana Blossom Flour and Rice Flour Incorporated Pasta | Wellness products and nutraceuticals |
| 6 | Mr. C. D. R. Pathirana (Radiation Processing Section, Sri Lanka Atomic Energy Board) | Value Addition to Recycled Polyester Fabric via Modification with Silver Nanoparticles Using Irradiation Technology | Textiles and Apparel products |
| 7 | Ms. Nimeshi Tharaka Delpechithra, MSC candidate, University of Colombo | A novel clay soap material via value addition of extracted saponin | Cosmetics & related products |
| 8 | Dr. T.D.C.M.K. Wijayasiriwardena | Value addition to rice bran oil as toilet soap | Cosmetics & related products |
| 9 | Pamoda Sathsarani Peduruhewa, Research Assistant (Doctoral Candidate), Universirty of Sri Jayewardenepura | Electrospun Nano Edible Fiber Mat Enriched with Antioxidants | Pharmaceuticals, Wellness products and nutraceuticals |
| 10 | K.M.S.A.K Dehideniya, University of Ruhuna | Guava Tea | Wellness products and nutraceuticals |
| 11 | G E Janarammi, Undergraduate, University of Ruhuna. | Development of herbal feminine wash with Bauhinia racemosa\_(Lam.) bark extract and evaluation of antibacterial and antifungal activity | Cosmetics & related products |
| 12 | Dr. D.C. Manatunga  University of Sri Jayewardenepura. | Cost-effective and Real-time Ocular pH Detection Technique Utilizing Naturally Available pH-Sensitive Dye Materials. | Pharmaceuticals |
| 13 | D. Ranasinghe, Healing Life International (Pvt) Ltd | Low non-alcoholic Kombucha. The method of making non-alcoholic kombucha (Fermented Tea) and extension of shelf life of the product for more than one year time | Wellness products and nutraceuticals |
| 14 | W. W. D. M. S. Jayathilaka, Undergraduate, University of Ruhuna | "Formulation of a Coconut Oil Based Potential Topical  Antiperspirant" | Cosmetics & related products |
| 15 | Dr. (Mrs). Vijitha Paheerathan, Eastern University, Sri Lanka | Formulation of an instant herbal porridge mixture from the tuberous root of Asparagus racemosus | Pharmaceuticals |
| 16 | R.M.I.O.K. Madawala, Undergraduate | Antibacterial herbal ointment | Cosmetics & related products, Pharmaceuticals, Wellness products and nutraceuticals |
| **Only Poster** | | | |
| 1 | Prof. E.M.R.K.B. Edirisinghe, Rajarata University of Sri Lanka | Development of a functional microencapsulated omega-3 powder food supplement using fish oil and locally available starch | Wellness products and nutraceuticals |
| 2 | Ms. Vindya Pathiraja-  University of Ruhuna | Gel-based topical medication containing black tea extracts & clove oil to treat intraoral ulcers | Pharmaceuticals |
| 3 | Ms. Vindya Pathiraja-  University of Ruhuna | Gel-based topical medication to promote wound healing | Pharmaceuticals |
| 4 | K.M.S.A.K Dehideniya, University of Ruhuna | Nutri- Cracker | Wellness products and nutraceuticals |
| 5 | Ms. B. E. A. U. Bulathgama, University of Ruhuna. | GENKI Tea | Wellness products and nutraceuticals |
| 6 | R.M.N.A. Wijewardane, National Institute of Postharvest Management | Development of a Skin Moisturizing Emulsion Gel with Aloe vera (Aloe barbadensis Miller) and Natural Occlusive Oil | Cosmetics & related products |
| 7 | U.K.P. Mihiranga - University of Kelaniya | Disease prediction and ayurveda medical help recommendation using machine learning | Cosmetics & related products, Pharmaceuticals, Wellness products and nutraceuticals |
| 8 | A.M.G.N.Rathnayake | Green and purple Guava leaf tea | Wellness products and nutraceuticals |
| 9 | Dr.W.M.W.W. Kandegama | "Development and Evaluation of Turmeric (Curcuma longa) Supplement Tablet " | Pharmaceuticals, |
| 10 | H.A.Dhanoja Deshani Madhumali - University of Ruhuna | New Product Development with \_Dioscorea alata\_ (Ube Purple Yam), \_Sesamum indicum\_ (Sesame), \_Zea mays\_ (Corn), \_Moringa oleifera\_ (Moringa) and Proximate Composition Analysis | Wellness products and nutraceuticals |
| 11 | W.P.K.M. Abeysekera,  University of Sri Jayewardenepura | Commercially Potential Ceylon Cinnamon (Cinnamomum zeylanicum Blume) Leaf Tea: A Medicinal Tea | Wellness products and nutraceuticals |
| 12 | Dr. Sanath Hettige | "Invention of Papaya Leaf leaf syrup tablets and capsules using for treatment of Dengue Fever and other medical conditions.  Skin Dermae Moisturizing Cream  Hair Dermae Cream" | Cosmetics & related products, Wellness products and nutraceuticals |
| 13 | Prof. Ananda Chandrasekara, Professor in Applied Nutrition, Wayamba University of Sri Lanka | Digital Dietetics - A ChatGPT-Powered Diet Planning Platform Incorporating the Sri Lankan Food Exchange System | Software, machinery, consumables, services and support systems related to the above categories |
| 14 | M.E.D Anjali, Undergraduate | Antimicrobial Herbal Soap | Cosmetics & related products, Pharmaceuticals, Wellness products and nutraceuticals |