

ERC-Approved-Applications- January to June 2026

- 1 Application number : FAS/ERC/007/2025/07/09
Title: Exploring the relationship between perceived work-related stress and dietary behaviour among employees of public, private, and non-profit organizations in the Colombo district, Sri Lanka.
Applicant/s: Ms. A.M.A.S.S. Dissanayake
Supervisor/s: Dr. Sashie Abeywickrema
- 2 Application number : FAS/ERC/013/2025/10/01
Title: Computer vision-based volleyball analytics
Applicant/s: N.H. Wanigasingha
Supervisor/s: Dr. MKA Ariyaratne
Dr. RM Silva
- 3 Application number : FAS/ERC/012/2025/08/25
Title: Biomechanical analysis of hip rotation and its impact on power hitting in Sri Lankan domestic level cricket batters
Applicant/s: Mr. K. T. Y. D. Tharushan, Ms. U. C. U. Wijedasa, Ms. M. S. Y. Pathirana, Ms. G. G. G. Kavindi, Ms. M. A. G. C. Hasara, Ms. T. L. M. N. Perera, Ms. R. L. Amasha, Ms. B. R. T. Fernando, Ms. M.G.P.Chiranthi, Ms. N. M. Fernando, Ms. W. T. S. De Silva, Ms. M. J. A. Cooray, Ms. S. H. Ukwatta, Ms. H. I. S. Fernando, Ms. K. I. H. C. Kariyawasam, Ms. W. N. R. P. N. N. Dilshani, Ms. O. P. V. Perera, Ms. S. L. Peduruhewa, Ms. D. K. Manahari, Ms. J. P. P. M. Jayalath, Ms. S. A. M. P Senadheera, Ms. A. T. N. Assella, Ms. D. M. R. S. D. Dissanayake, Ms. H. B. Avadi Anuththara, Ms. K. K. C. A. Fernando
Supervisor/s: Prof. W.L.I. Wijesekara
Dr. Sashie Abeywickrema

- 4 Application number : FAS/ERC/014/2025/10/14
Title: Evaluation and quantification of microplastics (MPs) in iInfant food containers, utensils (IFCUs), and infant feeding bottles (IFBs) collected from selected MOH areas in the Western Province of Sri Lanka
Applicant/s: Ms. R.M.S.N. Bandara
Supervisor/s: Prof. Indira Wickramasinghe
- 5 Application number : FAS/ERC/015/2025/10/30
Title: Development of low glycemic fiber based composite flour formulation from sugarcane bagasse for bakery products
Applicant/s: Ms. S.M.T.A Maralanda
Supervisor/s: Prof. W. L. I. Wijesekara
Prof. S. B. N. Navaratne
Prof. K.W. M. A. Jayasinghe
Prof. Ranil Coorey
- 6 Application number : FAS/ERC/019/2025/12/23
Title: Texture-Dependent Sensory-Specific Satiety and Its Influence on Snack Preference Patterns among Healthy Adults in the Colombo District, Sri Lanka.
Applicant/s: Ms. H.T.Hansika
Supervisor/s: Dr. Sashie Abeywickrema
- 7 Application number : FAS/ERC/021/2025/12/29
Title: Colloidal dispersions of cellulose nanostructures from sustainable raw materials and their applications in packaging industry
Applicant/s: Ms. Praveena Rajapakshe
Supervisor/s: Prof. W.M.G.I. Priyadarshana
Prof. Renuka Nilmini
Prof. Veranja Karunaratne
Dr. Randika Jayasinghe

Dr. Ruchira Wijesena

- 8 Application number : FAS/ERC/001/2026/01/01
Title: A Study on Doping Knowledge, Attitudes and Practices among Government Physical Education Teachers and Coaches in Western Province, Sri Lanka
Applicant/s: Ms. Vishaka Senevirathne
Supervisor/s: Dr. Sashie Weerasinghe
- 9 Application number : FAS/ERC/006/2026/01/21
Title: Licorice as a Functional Sweetener: Assessing its anti-diabetic potential and sensory suitability in a model food product
Applicant/s: Ms. N.B.T.Balalla
Supervisor/s: Dr. Sashie Abeywickrema
Prof. Ranil Jayawardena
- 10 Application number : FAS/ERC/002/2026/01/03
Title: Development of a Protein-Rich Sports Drink using Whey, Coconut Water and Tamarind Extract
Applicant/s: Mr. K.T.Y.D. Tharushan
Supervisor/s: Dr. T.G.G. Uthpala
- 11 Application number : FAS/ERC/005/2026/01/20
Title: Utilization of Banana (Musa spp.) Pseudostem Core as a Sustainable Source of Dietary Fiber Supplement and Value-Added Food Applications
Applicant/s: Ms. Nethmi Navinanayaka
Supervisor/s: Dr. Mahesh Karunarathne
Dr. T.G.G. Uthpala
- 12 Application number : FAS/ERC/007/2026/02/09

- | | | |
|----|----------------------|--|
| | Title: | Exploring pumpkin puree as a substrate for plant-based probiotic beverages: An analytical study of soy and coconut Milk |
| | Applicant/s: | Ms. M. J. A. Cooray |
| | Supervisor/s: | Dr. Mihiri Munasinghe |
| 13 | Application number : | FAS/ERC/008/2026/02/11 |
| | Title: | Sensory Evaluation of a Plant Based 'Fish Caviar Analogue' |
| | Applicant/s: | Ms. Chamiki Fernando |
| | Supervisor/s: | Prof. W.L.I. Wijesekara |
| 14 | Application number : | FAS/ERC/009/2026/02/11 |
| | Title: | Consumer Sensory Evaluation and Acceptance of Hal-Based Pasta for Product Optimization and Quality Improvement |
| | Applicant/s: | Ms. Maleesha Nirmani Perera |
| | Supervisor/s: | Prof. W.L.I. Wijesekara |
| 15 | Application number : | FAS/ERC/010/2026/02/12 |
| | Title: | A Consumer survey evaluating key purchasing determinants and consumer preferences for new product development: A study on gummy candies and instant soup mixtures. |
| | Applicant/s: | Ms. S.A.M.P Senadheera |
| | Supervisor/s: | Dr. Piumi De A. Abeyesundara |
| 16 | Application number : | FAS/ERC/011/2026/02/12 |
| | Title: | Exploring the effect of green architectural designs to psychological and economic dimensions of eco tourism's in the Central Province, Sri Lanka. |
| | Applicant/s: | Ms. H.R.M.R.I.Thilakarathne |
| | Supervisor/s: | Dr. Janitha Walpita |

- 17 Application number : FAS/ERC/013/2026/02/17
Title: Assessment of food safety regulations and standards on export performances of tea, spices, seafood and coconut kernel- based products

Applicant/s: Ms. H.K. Imasha Sashini
Supervisor/s: Prof. J.M.J.K.Jayasinghe
- 18 Application number : FAS/ERC/014/2026/03/09
Title: Optimization of coffee concentration, milk concentration and milk fat level for sensory preference in milk coffee

Applicant/s: Ms. S.H. Ukwatta
Supervisor/s: Dr. Mihiri Munasinghe
- 19 Application number : FAS/ERC/015/2026/03/09
Title: Investigate the soy flour properties and effects of processing conditions on color development and texture of texturized vegetable protein (TVP).

Applicant/s: Ms. H.I.S. Fernando
Supervisor/s: Dr. G.S.A. Senanayake
- 20 Application number : FAS/ERC/016/2026/03/12
Title: Sensory Evaluation for the Identification of Umami Flavor and Assessment of a Plant-Based Burger Patty

Applicant/s: Ms. O.P.V. Perera
Supervisor/s: Prof. Indira Wickramasinghe
 Mr. Thisun Ranpatabendi
- 21 Application number : FAS/ERC/018/2026/03/12
Title: Development and Optimization of a Tea-Based Carbonated Beverage Incorporating selected Sri Lankan spices

Applicant/s: Ms. W.K.S.M. Kavindya
Supervisor/s: Prof. Indira Wickramasinghe

- 22 Application number : FAS/ERC/019/2026/03/09
Title: Sensory evaluation of a Pomegranate peel tisane concentration
Applicant/s: Ms. S.L.R.R. Gunawardhana
Supervisor/s: Dr. T.G.G. Uthpala
- 23 Application number : FAS/ERC/020/2026/03/28
Title: Sensory Evaluation of bread incorporated with passion fruit leaves and peel
Applicant/s: Ms. Dinithi Sadunika Rathnayaka
Supervisor/s: Dr. M. D. M. Munasinghe
- 24 Application number : FAS/ERC/021/2026/03/28
Title: Use of different Kombucha processing techniques to enhance product functionality and to examine of bio active composition with sensory attributes
Applicant/s: Ms. T.A.D.I.P Chandrarathne
Supervisor/s: Prof. R.A.U.J. Marapana