**YSF Thematic Publication - 2026**

**Chapter Information**

**Theme for 2025:**

**Multidisciplinary Approaches for National Development in Sri Lanka through Advances in Science and Green Technology**

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| **Tentative Chapter Title** |  | | |
| **Select the theme category that your book chapter is most relevant to.**  **(Use ✓ Mark)** | **1. Fundamental Sciences and Mathematical Innovations**   * Advances in physics, chemistry, biology, and earth sciences * Mathematical modeling and simulations for real-world problems * Applied statistics, data analysis, and computational science * Scientific instrumentation and measurement technologies * Role of fundamental sciences in innovation and industry | |  |
| **2. Green Technologies and Sustainable Resource Management**   * Renewable energy and energy efficiency solutions * Sustainable agriculture, aquaculture, and food systems * Waste reduction, circular economy, and eco-design * Water, land, and mineral resource sustainability * Bioeconomy and nature-based solutions for development | |  |
| **3. Health Sciences, Biotechnology, and Life Systems**   * Public health, epidemiology, and preventive care * Biomedical research and diagnostics * Biotech applications in agriculture, health, and environment * Genetics, molecular biology, and synthetic biology * Indigenous and integrative health knowledge systems | |  |
| **4. Digital Transformation and Advanced Technologies**   * Information and communication technologies (ICT) * Artificial intelligence, robotics, and automation * Internet of Things (IoT), smart devices, and cyber-physical systems * Engineering and Technology Innovations * Data science, cybersecurity, and smart governance | |  |
| **5. Society, Policy, and Human Development**   * Science education, public engagement, and literacy * Evidence-based policymaking and governance * Ethics, gender, and inclusivity in science * Heritage, culture, and creative technology intersections * Economics, national security, and geopolitical analysis through science | |  |
| **List of Authors and Affiliations   (please underline the YSF members)** |  | | |
| **Contact information of the corresponding author** | **Name** |  | |
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**Potential Reviewers:**

You can nominate up to (03) potential reviewers to review your book chapter.

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| **Name of the Reviewer** | **Affiliation** | **Contact email and mobile number** |
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