**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
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| **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
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| **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
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| **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
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| **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
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| **List of Authors and Affiliations (please underline the YSF members)** |  |
| **Contact information of the corresponding author**  | **Name** |  |
| **Address** |  |
| **Contact no.** |  |
| **Email** |  |

**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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