

**Annual Award for the
Most Outstanding Undergraduate Energy Research 2022
Sri Lanka Energy Managers Association**



Sri Lanka Energy Managers Association (SLEMA)

SLEMA was founded in 1984 for the promotion of efficiency and rational use of energy in Sri Lanka, and was incorporated by an Act of Parliament in 1994. It is the pioneering organisation in the field of energy efficiency in Sri Lanka where the energy management fraternity is linked through SLEMA, making it the common forum for the energy managers to share their experiences and expertise. Regional and international energy experts and organisations interact with SLEMA as the pivotal organisation in the field of energy efficiency.

SLEMA envisages in making 3 annual awards to the best undergraduate students' research projects in local higher educational institutes carried out in the field of Energy to recognize and stimulate the research interest encouraging young undergraduates to pursue a career and/or to contribute to the uplifting and broadening the field of energy, in particular in Sri Lanka. The aim of these prestigious awards is to promote & inspire excellence in the study of energy related disciplines, to recognize and reward talent, and to promote and encourage energy applications in Sri Lanka.

Objective

The objective of the awards is to recognize the significant research contributions made by the undergraduates in the Sri Lankan higher educational institutes to the discipline of energy.

Application Areas of Projects

The sub disciplines that may include the following, but not limited to:

Energy efficiency (given a prominence), renewable energy, energy policies, energy economics, energy financing, energy technologies, energy physics, energy chemistry, energy accounting & auditing, cross border energy transfer, energy poverty, access to energy, energy conservation, energy storage, energy pricing, marketing energy products, energy humility, energy in transportation, industrial energy, energy transition, energy simulation, IoT based applications, energy management systems, & waste to energy etc

Who is entitled to apply?

Any faculty (or College / School) in Sri Lanka recognized by the University Grants Commission of Sri Lanka under the Universities Act, which are in operation where at least one batch has completed final year projects, at the time of Call for Nominations. The award is for the undergraduate research projects completed in their final year.

Number of Entries:

Number of entries from a Faculty (or College / School) is limited to 3. The nominations have to be submitted through the respective Dean of the Faculty (Head of College / School) on recommendation of the respective Head of the Department / Internal Supervisor.

Application

An abstract of the research project not exceeding 2 pages indicating the project aim, approach, key findings and the potential impacts of the key findings to the society has to be submitted to the SLEMA electronically by the deadline, along with the duly filled prescribed Application / Abstract Submission Form (available at: www.slema.lk). The attributes given under the 'selection criteria' below should be emphasised in the Abstract.

Number of Awards

SLEMA shall make 3 annual awards of excellence as follows

- Winner of the Year (Award of Excellence for the most outstanding research project)
- Runners-up (Merit Awards of the next 2 top ranked research projects)

Selection criteria

The selection criteria shall give weight to the following attributes of the research

- Relevance and originality
- Impact on the society, and its wider applicability
- Contribution to the research discipline
- Use of principles
- Critical thinking and innovativeness
- Clarity of expression
- Level of challenging the status quo (business as usual)
- Optimum use of resources

The selection shall be carried out by an eminent panel of judges appointed by the SLEMA

Deadline

The deadline for this call of applications shall be March 31, 2022

Awards Ceremony

The shortlisted 3 winners may be invited to make a 10-minute presentation (project leaders) or present a poster at the Annual Sessions of the SLEMA, usually held on the last Friday of July every year, and the awards may be presented at the Annual Sessions.

Resolution of discrepancies if any

The decision of the SLEMA shall be final

Research Publications in the SLEMA Journal

The researchers have a window to publish their energy related research in the open access SLEMA Journal (<https://slemaj.sljol.info/about/>).

For details, please visit www.slema.lk or write to slema@sltnet.lk