



Invenção Innovative Idea competition 2022

Invenção an innovative idea competition has been organized by the **Physics Society of the University of Sri Jayewardenepura** in collaboration with the **Sri Lanka Inventors Commission**. The competition is **open for all the undergraduates and postgraduates in the Faculty of Applied Sciences** and is intended to encourage and establish an innovative culture among the undergraduate students by providing a road map for a positive change in society.

Competition Overview

- This competition consists of 2 rounds.
- **Individual or groups with a maximum of 3** members are eligible to participate, participants must be current undergraduates or postgraduates in the Faculty of Applied Sciences.
- All teams and individuals can be pre-registered via <https://forms.gle/84SPpUdSZgZ5aseN9> on or before 25th February 2022.
- In the 1st round, all individuals/teams should submit the application and all required materials via <https://forms.gle/JyNSbgAe5pwXAiwZ9> on or before 28th February 2022.
 - Competitors should prepare an **Idea Proposal (PDF format)** adhere to the format given on the website about their innovation idea to be submitted with the application form. (Insert link to access the form)
 - You should upload an **introductory 3-minute video** (.mp4 format) describing your idea when filing your application. (Max. 30MB with resolution 720p). It should describe your innovative idea briefly with relevant information of related field, practicability, procedure, resource requirements etc. Don't insert any names and affiliations in the video.
 - The above two files should rename using your name with initials (eg: HSK Perera). For the group, competitors rename with initials of the group leader_G (eg: HSK Perera_G)
 - For group competitions, only the group leader must submit the document and fill the application with the details of the group members.
- All submissions will be judged by an expert judge panel from academia and industry.
- Competitors' innovative ideas and concepts will be kept private and confidential.

- In the final round, the finalists will present their innovative idea followed by the Q&A session with the judging panel.

Evaluation Criteria

- In all aspects the invention should be strong and reliable.
- The product should not be a threat to any living being.
- Models or ideas of existing products or working processes won't be accepted.
- Products or ideas obtained from the internet should be referenced and proper modifications should be made to make sure the product or the idea is your own.
- Novelty of the invention/innovative idea presented.
- Accuracy of the design and procedure.
- The instruments and techniques used to improve the productivity of the invention.
- The ability to make the idea into a reality.
- Estimated budget

Timeline

- Registration opens: 24th January onwards
- Virtual webinars: 1st, 2nd and 3rd February
- Deadline for the idea submissions: 28th February
- Announce 1st round winners: 30th March
- Presentations and Q&A session for the final round: 20th April

Certificates & awards converting an idea to a product

- ❖ The best three innovative ideas are entitled to award the grants from **Sri Lanka Inventors Commission to convert an idea into a product. The selected groups/individuals are responsible themselves to find the academic mentors so that the grant would be issued through the permanent lecturer.**
- ❖ The plaques will be given to the best three innovative ideas.

- ❖ A valuable certificate will be given to the final round of selected groups/individuals.
- ❖ A valuable e-certificate will be given to all other qualified participants.

For further information contact

1) H. Nimna Sandali Peiris
Event Coordinator
Telephone: 077-4004553

2) Menaka Madhusanka
Event Coordinator
Telephone: 071-7576571

Useful links

Event website - <http://science.sjp.ac.lk/physoc/innovative-idea-competition-2022/>
Pre-registration - <https://forms.gle/84SPpUdSZgZ5aseN9>
Proposal submission - <https://forms.gle/iqgu5qETRVJuZo2UA>
Facebook page - <https://www.facebook.com/physicsSocietyUSJ/>
Youtube link - <https://www.youtube.com/channel/UCh-koOnRUwGCRabjWrPu2kA>
Email - physociety@sjp.ac.lk

Webinars

Webinar Zoom Meeting link

<https://learn.zoom.us/j/68698595478?pwd=ZkJzZFRZWlFtZVBuYm1QcWN4WjFVUT09>

Meeting ID: 686 9859 5478

Passcode: !0B1HBnv

<p>Day1 1st Feb.2022 at 7.00 pm</p>	<p><i>“Introduction to the competition”</i> Ms. Nimna Peiris Coordinator of the Invenção Competition. Physics Society</p> <hr/> <p><i>“Role of inventors commission to promote innovation”</i> Prof N M S Sirimuthu, Commissioner, Sri Lanka Inventors Commission Professor, Department of Chemistry, USJ</p> <hr/> <p><i>How to introduce an innovation to the industry and Entrepreneurship”</i> Dr. Rukmal Weerasinghe, Senior Lecturer/ Department of Entrepreneurship, USJ Chairman – Center for Entrepreneurship and Innovation https://learn.zoom.us/j/68698595478?pwd=ZkZjZFRZWlFtZVBuYm1QcWN4WjFVUT09</p>
<p>Day2 2nd Feb. 2022 at 7.00 pm</p>	<p>1. Prof. Laleen Karunanayake, Dean, Faculty of Applied Sciences, USJ (20 min) 2. Prof. Upul Subasinghe, Head, Department of Forestry & Environmental Sciences, USJ (20 min) 3. Prof. S B Navarathne, Department of Food Science and Technology, USJ (20 min) 4. Prof. P K D D P Pitigala, Department of Physics, USJ (20 min) 5. Dr. N C Ganegoda, Department of Mathematics, USJ (20 min) https://learn.zoom.us/j/68698595478?pwd=ZkZjZFRZWlFtZVBuYm1QcWN4WjFVUT09</p>
<p>Day3 3rd Feb. 2022 At 7.00 pm</p>	<p>1. Prof. Hiran Amarasekera, Department of Forestry & Environmental Sciences, USJ (20 min) 2. Prof. Nilwala Kotegoda, Head, Department of Chemistry, USJ (20 min) 3. Prof. Methika Vithanage, Managing Director, Ecosphere Resilience Research Centre (20 min) 4. Dr. W K I Wanniarachchi, Department of Physics, USJ (20 min) 5. Dr. Thiyanga S. Talagala, Department of Statistics, USJ (20 min) 6. Mr Adhisha Gammanpila, CEO & Co-Founder Luhn https://learn.zoom.us/j/68698595478?pwd=ZkZjZFRZWlFtZVBuYm1QcWN4WjFVUT09</p>

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VIII Implementation and sustainability of the idea: -.....

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IX Estimated Budget to convert the idea in to a product :-

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- X Which field/s will be best suited to your invention? (Give the priority order starting from 1)
- 1. Public safety, welfare and national defence
 - 2. Chemistry
 - 3. Food Technology
 - 4. Medicine and Pharmacy
 - 5. Public work and Infrastructure
 - 6. Physics
 - 7. Information and Communication Technology or
Computer Science
 - 8. Agriculture
 - 9. Applied Sciences and Technology
 - 10. Energy
 - 11. Environmental Conservation

- 12. Transportation
- 13. Engineering
- 14. Other

Declaration

I/ we guarantee that the information and documentation I/ we submit are correct and I/we ensure none of the ideas and concepts entered infringe on the intellectual property rights of others. I/ we will be fully responsible for any violation of intellectual property rights. If such an event occurs, the Physics Society of University of Sri Jayewardenepura assumes no liability for such an infringement.

I/ we desire to participate in **INVENÇÃO 2022** competition and agree to act in compliance with the rules and regulations made by the Physics Society of University of Sri Jayewardenepura.

Names and signatures of the team members/member

- 1.
- 2.
- 3.

..... /..... /2022



Invenção

Innovative Idea Competition



Organized by Physics Society of University of Sri Jayewardenepura
in Collaboration with Sri Lanka Inventors Commission

OPEN TO

Invoke Your Innovation Ideas

All the undergraduates and the postgraduates of the faculty of Applied Sciences of University of Sri Jayewardenepura

Reminders

- Introduction to Invenção 01/02/2022 (@ 7.00 p.m.)
- "Paths to successful innovation" Webinar Series I 02/02/2022 (@ 7.00 p.m.)
- "Paths to successful innovation" Webinar Series II 03/02/2022 (@ 7.00 p.m.)
- Registration & Proposal Submission Deadline 22/02/2022
- 1st Round 23/02/2022
- 2nd Round 20/04/2022

Awards

- The best three innovative ideas entitled to award the grants from Sri Lanka Inventors Commission to convert an idea to a product.
- The plaques will be given to the best three innovative ideas
- A valuable certificate will be given to the final round selected groups/individuals.
- A valuable e-certificate will be given to all other qualified participants.

Participation can be Individual or in teams of up to 3 members

Guideline :

<http://science.sjp.ac.lk/physoc/innovative-idea-competition-2022/>



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physociety@sjp.ac.lk

Event Coordinators : Menaka Madusanka
Nimna Sandali Peiris

Physics Society
University of Sri Jayewardenepura

Invenção

2022

**“Role of Inventors
Commision
to Promote Innovation”**



Prof. N.M.S. Sirimuthu
**Commissioner,
Sri Lanka Inventors
Commission**
**Professor, Department
of Chemistry, USJ**

**“How to introduce an
Innovation to the industry
and Entrepreneurship”**



Dr. Rukmal Weerasinghe
**The Chairman,
Center for Entrepreneurship
and Innovation**
**Senior Lecturer,
Department of
Entrepreneurship, USJ**



**1st of
February**



**7.00 P.M
ONWARD**



**Via
ZOOM**

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**PHYSICS SOCIETY
UNIVERSITY OF SRI JAYEWARDENEPURA**



**Sri Lanka
Inventors Commission**

Invenção 2022

Path to Successful Innovation



**Prof. Laleen
Karunanayake**
Dean, Faculty of
Applied Sciences,
USJ



**Prof. Upul
Subasinghe**
Head, Department of
Forestry &
Environmental Sciences



**Prof. S B
Navarathne**
Department of
Food
Science and Technology,
USJ



**Prof. P K D D P
Pitigala**
Department of Physics,
USJ



Dr. N C Ganegoda
Department of
Mathematics, USJ



2nd of
February



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**Sri Lanka
Inventors Commission**

Invenção 2022

Path to Successful Innovation



**Prof. Hiran
Amarasekara**
Department of
Forestry &
Environmental Sciences,
USJ



**Prof. Nilwala
Kotegoda**
Head,
Department of
Chemistry, USJ



**Prof. Methika
Vithanage**
Managing Director,
Ecosphere Resilience
Research Centre



**Dr. W K I
Wanniarachchi**
Department of
Physics, USJ



**Dr. Thiyanga S.
Talagala**
Department of
Statistics, USJ



**Mr. Adhisha
Gammanpila**
CEO & Co-Founder
Luhn



2nd of
February



7.00 P.M
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