

# NRIC

## 1.1 TERMS AND CONDITIONS

- This competition is open to all undergraduate and diploma students who have a research project.
- Student's research project can either be a research product or publication.
- Participants can enter as individuals or in groups (up to 3 persons per group).
- Every project must be enclosed with a project abstract and prototype to be showcased.
- Please refer to **APPENDIX C** for further details regarding the format of the **ABSTRACT**.
- Participants are not allowed to compete with the same project if the participant is already competing with the said project for e-NRIC.
- The same projects can enter either e-NRIC or NRIC **ONLY**.
- **CLOSING DATE: 17TH MARCH 2019.**

## 1.2 ENTRY FEES

- The fee for every project is **RM 1500 (USD 400)** and must be paid before **17TH MARCH 2019**.
- A justification for payment (e.g. Official Receipt / Bank-in Slip / e-Payment Receipt) must be sent to the official email of Treasurer NRIC 2019 as stated below before **17TH MARCH 2019**.
- If the payment and complete details are not received by the organizer within the **STIPULATED TIME**, the entries will be disqualified and ineligible for this contest. If there are any projects cancellations after the deadline, the entry fees will not be refunded.
- Any changes of name, number of participants, project topic and category must be notified before the closing date for the purpose of abstract publication.
- The fees include food, activities organized by the organizers and transportation throughout the program (only to venues of the program) during NRIC Showcase. Limited to 3 PARTICIPANTS and 1 ADVISOR/SUPERVISORS ONLY.
- **Accommodation is not provided**, participants have to arrange accommodation themselves.
- A surcharge of **RM 250 (USD 60)** will be imposed for each additional number of advisor/participant. (Only applies to groups that have reached the maximum number of 3 participants and 1 advisor/supervisor ONLY). Any additional participants are up to 2 persons maximum for each project and must be done **A WEEK BEFORE** the entry deadline.
- For payment details, please contact:

Treasurer NRIC 2019 via : bdhnrlic2018@gmail.com  
Phone no. : +6010-7675230 (HUI YING MEI)  
: +6019-5779707 (LIN YING ZHEN)

## 2.1 INTRODUCTION TO NRIC

Universiti Sains Malaysia (USM) had successfully made a breakthrough by organizing Novel Research & Innovation Competition in the academic year of 2006/2007, this achievement remains its splendid for the following academic year until now. As a Research Intensive University recognised by the Ministry of Higher Education Malaysia (MOHE) in 2007, USM is centring its global researches and innovations through multiple approaches; one of them is by the establishment of Novel Research and Innovation Competition (NRIC) by the Students' Representative Council of USM.

This year, the 12th Novel Research and Innovation Competition will uphold the theme of **SUSTAINABILITY**. Sustainable Development outlines the importance of development that meets the needs of the present without compromising the ability of future generations to meet their own needs. On our 12th years of NRIC, this year is a highly sustainable impact on our community project will be emphasised in conjunction with the vision of Universiti Sains Malaysia. **With that said, our competition will be focused on the Sustainable Development Goals (SDGs) which should be incorporated and highlighted by the participants' project.**

### SUSTAINABLE DEVELOPMENT GOALS (SDGs)

In 2015, countries adopted the 2030 Agenda for Sustainable Development and its 17 Sustainable Development Goals. In 2016, the Paris Agreement on climate change entered into force, addressing the need to limit the rise of global temperatures. For more information on Sustainable Development Goals, log on to <https://www.un.org/sustainabledevelopment/>

## SUSTAINABLE DEVELOPMENT GOALS



## **2.2 CATEGORIES OF NRIC**

- Life Sciences
- Engineering & Technology
- Health & Medical Sciences
- Social Transformation & Creative Arts
- Information Technology & Communication
- Fundamental Sciences

## **2.3 ADJUDICATION**

- Adjudication will be conducted from **19 - 21 April 2019**.
- All decisions made by the adjudicators are **final** and are **not subject to appeal**.
- The panel of adjudicators, chosen from universities and industries will be appointed by **Universiti Sains Malaysia (USM)**.

## **2.4 ABSTRACT FORMAT**

- Written in English
- 1 page of A4 paper ( 1 paragraph ONLY )
- Font: Calibri/11, Spacing line 1.5
- Please submit your abstract based on the criteria stated below with not more than 200 words.

The structure of project Abstract:

- The problem
- Solution to problems
  - i. The use of technology
  - ii. Fundamental science
  - iii. Commercial value
  - iv. Knowledge impact
- **Sustainable development goals (SDGs)** that the project contributes
  - i. List out 1 or more SDGs that your project contributes to and explain how it relates to the goals (Maximum of 3 goals)
  - ii. Include a list of goals as keywords

\*A complete abstract submitted by each project will be provided in the form of the QR code for the purpose of reference during the competition.

## EVALUATION FORM BY THE PANEL OF NRIC 2019

University name: \_\_\_\_\_

Project title : \_\_\_\_\_  
\_\_\_\_\_

Name of participants: (i) \_\_\_\_\_ Contact Number : \_\_\_\_\_

(ii) \_\_\_\_\_

(iii) \_\_\_\_\_

Abstract writer : \_\_\_\_\_

Project advisor : \_\_\_\_\_

Contact number : \_\_\_\_\_

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### Marking criteria for NRIC 2019 Project:

- Problem statement
- How your product can solve the problem stated.
- Description of the product in terms of technicality.
- The authenticity of your product.
- The application of the product.
- Comparison with other competitors.
- The **sustainable** impact of your product in relation to the Sustainable Development Goals (economy, industry, life quality, and so on)

### \*Note to participants\*:

Enclose **Appendix D** along with your abstract and application form.

Please send your Evaluation Form and Abstract **before 17TH MARCH 2019.**

## COMPETITION TIMELINE

<b>Abstract submission deadline</b>	<b>17TH MARCH 2019</b>
<b>Payment due</b>	<b>17TH MARCH 2019</b>
<b>NRIC</b>	<b>19TH -21TH APRIL 2019</b>
<b>e-NRIC</b>	<b>19TH APRIL 2019</b>
<b>CoRIC</b>	<b>20TH APRIL 2019</b>

### **Mailing Address:**

#### **MAJLIS PERWAKILAN PELAJAR**

Bilik Sekretariat NRIC 2019,  
Tingkat 1, Bangunan H21, Kompleks Cahaya Siswa,  
Universiti Sains Malaysia,  
11800 Minden, Pulau Pinang.  
Malaysia

Phone : 04-653 3323

Fax : 04-656 7009

E-mail : [pmnric.official@gmail.com](mailto:pmnric.official@gmail.com)

Website : <http://web.usm.my/nric/2019/index.html>

U.P : **PANG KAI JUE**

Head of Department

Participant Management NRIC 2019.

+6017-7854098 ([pkj.pmnric17@gmail.com](mailto:pkj.pmnric17@gmail.com))

: **LIN YING ZHEN**

Deputy Treasurer NRIC 2019.

+6019-5779707 ([bdhnrlic2018@gmail.com](mailto:bdhnrlic2018@gmail.com))