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Date: Thu, 3 Jun 2021 14:21:59 +0000  
 From: Shelly Ng <shelly.ng@iesnet.org.sg>  
 To: "vc@pu.ac.in" <vc@pu.ac.in>  
 Subject: Enginnering Innovation Challenge (EIC) 2021  
 Dear Prof. RAJ KUMAR

Greetings from The Institution of Engineers, Singapore!

Hope this email finds you well.

The Institution of Engineers, Singapore (IES) will once again host the National Engineers Day (NED) from 9 November to 20 November 2021. Due to the ongoing pandemic, the venue will be confirmed at a later date.

We hope you may help to broadcast this EIC competition to your students. The objective of the competition is not just on the attractive prizes but to encourage the students to tap on their creativity on the projects well as to spark their interest in STEAM (Science, Technology, Engineering, Art & Mathematics) Education.

The Engineering Innovation Challenge (EIC) is open to all universities around the world. This provides an excellent opportunity for university students to share knowledge, experience and expand their network, to promote engineering and a passion in this discipline. Your participation in the competition will also serve to interest and excite youths to embark in the fascinating and multi-faceted world of engineering.

Theme of the EIC 2021: Radiation 360°

The Challenge: To explore or make innovative improvements on the application of ionising radiation in the area of:

1. Industry,
2. Sustainability,
3. Healthcare,
4. Food and Agriculture,
5. Transportation

Please refer to the following evaluating criteria for Judging for your information:

Shortlisting Criteria: Problem Statement & Written proposal

Research Question/ Problem 40%

Design and methodology 30%

Creativity 30%

Final Judging: Prototyping or Model

Design & Methodology 20%

Research Problem 20%

Execution 20%

Creativity 20%

*RA*  
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*DVI*  
*9/6/2021*

## Presentation & Knowledge20%

Shortlisted teams will receive \$500 prototype fund after NED 2021; Participants from overseas and locally should present in person and/or virtually with ready prototypes and video introduction (not more than 2 mins, via online submission) to the judges during the preliminary judging and final judging in November 2021 (depending on COVID-19 situation)

The EIC Competition will showcase selected projects for final judging and subsequently for presentation of awards on 20 November 2021 at the National Engineers Day 2021.

Great Prizes Awaits You!

1st Team SGD 8,000 Cash + Trophy + SGD500 Prototype Fund + Cert  
2nd Team SGD 5,000 Cash + Trophy + SGD500 Prototype Fund + Cert  
3rd Team SGD 3,000 Cash + Trophy + SGD500 Prototype Fund + Cert  
Merit Award  
(No. of Winners to be confirmed) SGD 1,000 Cash + SGD500 Prototype Fund + Cert  
Shortlisted Teams Prototype Fund (SGD500)  
Popularity Award SGD 300 Cash

IES invites you to be a part of this citing journey with your active participation.

Click on the banner "Sign-Up Today" to register. Registration closes on 14 July 2021!

Schools are invited to submit detailed project proposal by 1 September 2021. The proposal must include the following:

- Background
- Project Description
- Prototype proposal
- Cost-benefits analysis

Please feel free to contact me should you have any queries. We look forward to welcoming you to the Engineering Innovation Challenge 2021 in Singapore!

Meanwhile, please stay safe.

Thank you.

Best regards,

Shelly Ng

Technical Committee, Infrastructure Cluster

The Institution of Engineers, Singapore (IES), 70 Bukit Tinggi Road, Singapore 289758

DID: +65-64611222 | Main Line: +65-64695000 | Website: [www.ies.org.sg](http://www.ies.org.sg)

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