

## Re: [Research Incentivization]: Invitation to Submit Project Proposal in the Area of Hardware Security

1 message

**Director LNMIIT** <director@lnmiit.ac.in>

Sun, Mar 5, 2023 at 1:51 PM

To: "Dr. Kusum Lata" <kusum@lnmiit.ac.in>

Cc: Dean of Sponsored & Industrial Research <dosr@lnmiit.ac.in>, HOD ECE LNMIIT <hodece@lnmiit.ac.in>, "Institutional Data Analytics, Accreditation and Ranking Cell" <idaar@lnmiit.ac.in>

Hearty Congratulations, Dr. Lata!  
Excellent news.  
Best regards.  
Rahul

On Sun, 5 Mar 2023 at 12:56 PM Dr. Kusum Lata <kusum@lnmiit.ac.in> wrote:

Dear Sir,

I am happy to share with you that my following proposal is approved from the DSCI, Govt. Of India.

Thank you so much for your guidance and support always.

Thanks and Regards,  
Kusum

----- Forwarded message -----

From: **Teja Chintalapati (DSCI)** <teja.chintalapati@dsci.in>

Date: Sun, Mar 5, 2023, 12:21

Subject: RE: [Research Incentivization]: Invitation to Submit Project Proposal in the Area of Hardware Security

To: kusum@lnmiit.ac.in <kusum@lnmiit.ac.in>

Cc: Surbhi Chhabra (DSCI) <surbhi.chhabra@dsci.in>

Dear Dr. Kusum Lata,

Hope you are doing well!

With reference to your proposal for research work on “**Hardware Trojan Attack Resilient Convolution Neural Network (CNN) Accelerator Design using FPGA.**”. I want to inform you that the committee has selected your proposal, and DSCI’s C-HERD would be pleased to invest in this project work carried out by the **LNMIIT Institute of Information Technology, Jaipur, Rajasthan, India (LNMIIT, Jaipur)**.

***Further, to proceed with the research work Data Security Council of India & LNMIIT Jaipur, would be coming under an Agreement (attached). Request you share the signed and stamped copy.***

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**Apart from this, you also need to fill Vendor Registration form (attached) & share the Invoice for advance payment mentioning below details:**

- **Name of customer:** Data Security Council of India (DSCI)
- **GST NO of customer:** 09AACCD9781G1Z9
- **HSN/SAC code:** It is mandatory as per GST compliance.

- **Address of customer:** 4th floor, Plot No. 7-10, [Sector -126, Noida UP - 201303](#)
- **Description:** DSCI's C-HERD investment to the **LNM Institute of Information Technology, Jaipur**, for research work on "**Hardware Trojan Attack Resilient Convolution Neural Network (CNN) Accelerator Design using FPGA.**"
- **Amount:** ₹ 6,20,000.00 + applicable taxes


Kindly share the above details and signed Agreement with us by Monday, 06<sup>th</sup> Mar 2023.

**Note:** While Dr. Jayaprakash Kar filled out the vendor registration form already, I am sending again since you are from a different department. Please get it filled by your finance team.

Best Regards,

**Teja Chintalapati**

Senior Consultant, Hardware Security

**Data Security Council of India (DSCI)** |  Logo, company name Description automatically generated Initiative

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**From:** Teja Chintalapati (DSCI)

**Sent:** 28 February 2023 18:02

**To:** [kusum@lnmiit.ac.in](mailto:kusum@lnmiit.ac.in)

**Cc:** Surbhi Chhabra (DSCI) <[surbhi.chhabra@dsci.in](mailto:surbhi.chhabra@dsci.in)>

**Subject:** [Research Incentivization]: Invitation to Submit Project Proposal in the Area of Hardware Security

Dear Dr. Kusum Lata,

Greetings from the [Data Security Council of India \(DSCI\)](#). I trust you had a great start to the new year. I am Teja Chintalapati from DSCI.

DSCI is an industry-body setup by NASSCOM with a vision to make India safe, secure, and trusted while enhancing brand India at the global level. One of several initiatives that DSCI has is the **Centre for Hardware Security Entrepreneurship Research and Development (C-HERD)**. C-HERD is a joint initiative between DSCI, IIT-Kharagpur and IIT-Madras and is funded by the Ministry of Electronics and Information Technology (MeitY), India.

One of the main objectives of the C-HERD initiative is to support and incentivise researchers, entrepreneurs, academia, and organisations who are diligently working towards building indigenous products and solutions to scale the nation's Cybersecurity R&D capabilities **in the field of hardware security**. The broader idea is to promote technology demonstration, proof-of-concept, MVP, and indigenous technology development in the field of Hardware Security that is ready for industry consumption.

**I invite you to submit proposals for research projects/ideas.**

Selected proposals will be handheld through their journey of research to industry. Some of the benefits include:

- Monetary benefits of up to 5 Lakh INR.
- Working with you to identify the right industry partner to take your PoC and build it into a full-fledged product.
- Mentorship and VC Connect if you want to incubate your start-up and build the product yourself.

Here are some of the pre-requisites for your proposal:

1. Your novel research/project should be strictly in Hardware Security, and the researcher should have a strategy for productization.
2. Preference will be given to those who have identified possible industry/start-up(s) players for the productization of the research.

We will evaluate your proposal on the following aspects:

1. The novelty of the idea,
2. Immediate potential for productization
3. If you have identified a potential industry partner

Research must lead to a deployment-ready prototype and be completed in six months. Please note that the funding is to support the efforts in developing the PoC and is not to be used to procure any equipment.

Don't miss this opportunity to advance your research in hardware security and **apply now**. **The deadline for application is 23:59 HRS IST, 08 Mar 2023**. I look forward to receiving your proposal and am excited to support your research in the field of hardware security.

Best Regards,

**Teja Chintalapati**

*Senior Consultant, Hardware Security*

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Rahul Banerjee, PhD (CSE), FIE

Director & Professor  
The LNM Institute of Information Technology (LNMIIT), Jaipur  
(An institution of higher learning that is deemed to be a university)

Rupa ki Nangal, Post: Sumel (via Jamdoli),  
Jaipur (Rajasthan), PIN Code: 302 031, INDIA  
E-mail: [director@lnmiit.ac.in](mailto:director@lnmiit.ac.in)

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