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Swadesi Microprocessor Challenge - Innovate Solutions for #Atmanirbhar bharat

CHANCE TO WIN		
2.30 Cr Seed fund to top 10 startups	1.0 Cr Prototype development fund to top 25 teams	1.0 Cr POC development fund to top 100 team
Free access to Swadeshi Microprocessors by IIT Madras & C-DAC	Free access to FPGA Boards	1000+ certificates and internship opportunities spread across the Challenge

BACKGROUND OF SWADESI MICROPROCESSOR CHALLENGE

Under #AatmaNirbharBharat Abhiyan, there is a growing need for Swadeshi Compute Hardware, that shall be part of every Smart Device deployed in different domains, including Electronics for public utility services such as Surveillance, Transportation, Environmental condition monitoring, to commodity appliances like smart fans/ locks/ washing machines. In addition, with growing penetration of smart electronics in strategic areas including Space, Defence and Nuclear energy, the need for Swadeshi Compute Hardware is crucial. It is not just the cost or embargo that drives this need, but also the dependence on external vendors, long term sustenance, quick enhancements to suit the ever-growing requirements, and most-importantly Security, which drives #AatmaNirbharta in Hardware domain, as the only option.

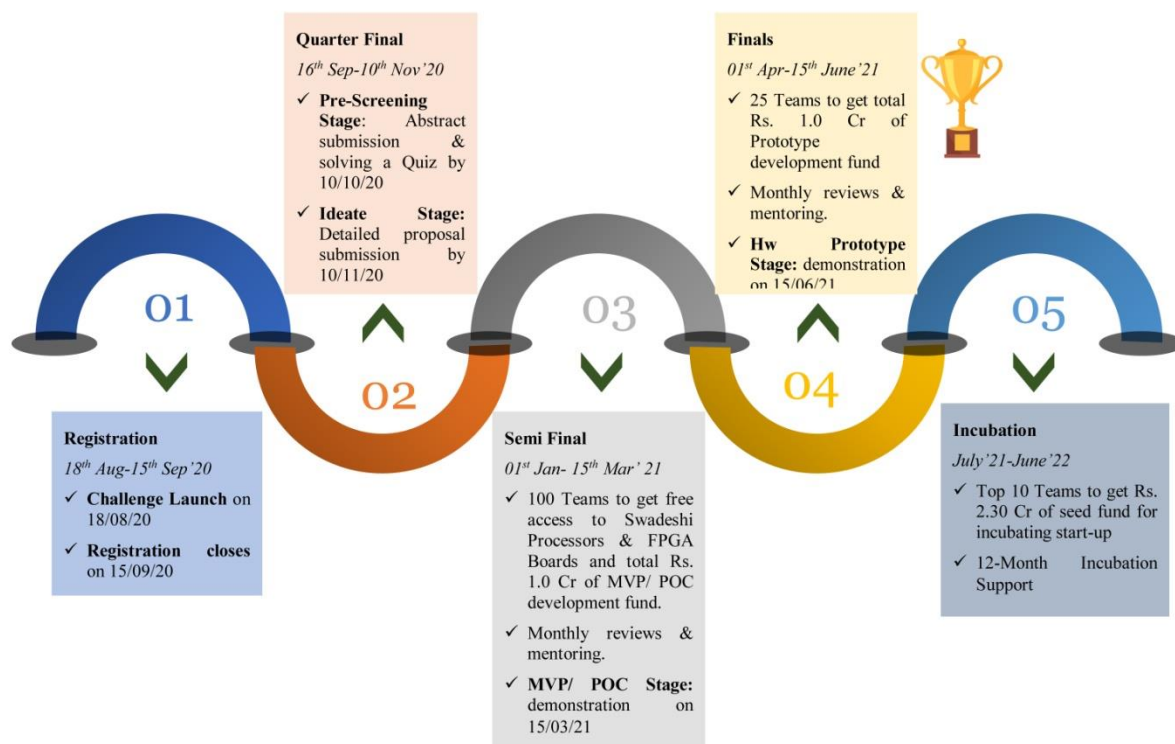
Under Microprocessor Development Programme spearheaded by MeitY at C-DAC, IIT Madras and IIT Bombay, not only the family of industry-grade Microprocessors has been designed from the scratch but also the compute ecosystem around them has been evolved as a step towards meeting India's future requirements.

SCOPE OF SWADESI MICROPROCESSOR CHALLENGE

To provide further impetus to the strong ecosystem of start-ups, innovators & researchers in the country, MeitY announces **Swadeshi Microprocessor Challenge** made available by IIT Madras (Shakti processors) and C-DAC (Bega processors), powered by FPGA Boards of XILINX which is supported by CoreEL Technologies, to promote a culture of innovation and entrepreneurship by taking up complex designs in the country and innovate frugal solutions around home-grown processor ecosystem, catering to both global and domestic requirements. The incubation support to the winning teams will be provided by an Incubator located at their geographical proximity coordinated by Maker Village.



Give your ideas a jump-start by sculpting your innovation with Technical support, Business mentorship augmented with Hardware, Software and funding support of total Rs. 4.30 Crore from MeitY to applicants at various stages of the Challenge as following:



10 Months

WINNERS
Gold Certificate
Total Rs. 2.30 Crore of Seed Fund for Incubating start-up to 10 Teams.

FINALISTS
Silver Certificate
Total Rs. 1.0 Crore of Prototype Development Fund to 25 Teams.

SEMI FINALISTS
Bronze Certificate
Total Rs. 1.0 Crore of MVP/POC Development Fund and Free Access to Swadeshi Processors & FPGA Board to 100 Teams.

REGISTER NOW

KAZI NAZRUL UNIVERSITY

MaheswarMalo Das

Development and Planning Officer

&

Training and Placement Officer (Addl. Charge)



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All the best,

(Mr. Maheswar Malo Das)
Development and Planning Officer &
Training and Placement Officer (Addl. Charge)
Kazi Nazrul University, Asansol.

Copy forwarded for necessary information and action to:

1. The Dean(s), All Faculties, KNU;
2. The Registrar, KNU;
3. The Inspector of Colleges, KNU with a request to circulate to the affiliated colleges to the University;
4. The Director, School of Mines and Metallurgy, KNU;
5. The Coordinator, Skill Development Centre, KNU;
6. The HoD(s)/Coordinator(s), KNU;
7. The Notice Board, Student Activity Building, KNU;
8. The System Admin/Analyst, KNU with a request to upload on the University website for wide circulation.
9. Secretary to the Vice Chancellor for information to the Hon'ble Vice Chancellor, KNU;
10. Guard File

