Date	21-12-2022 (Wednesday)
Time	09.30 am to 04.00 pm
Venue	Conference Hall, Department of Electrical Engineering, IIT BHU, Varanasi

POWER Conclave

Power-Electronics Opportunities Window for Startup Entrepreneurs & Researchers Conclave

For Registration

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About the POWER Conclave

Centre for Development of Advanced Computing(C-DAC), Thiruvananthapuram is arranging a one day programme at IIT-BHU, Varanasi to introduce the start up support activities envisaged under National Mission on Power Electronics Technology (NaMPET), a mission programme of Ministry of Electronics and Information Technology(MeitY). Kerala Startup Mission and Maker Village will be associating in organizing the above programme that is named as Power Electronics Opportunity Window for Startup Entrepreneurs and Researchers' Conclave (POWER Conclave).

The entrepreneurs who are already registered in any of the startup hubs within the country or professionals and researchers aspiring to work in the area of power electronics are encouraged to attend this programme. The objective of the programme is to disseminate information about the availability of indigenous technology developed through NaMPET to start up community and to seek inputs about the varied technological requirements from the participants. This information will be used by C-DAC to identify prospective technology development activities, which can end up in indigenous products.

- About CDAC and NaMPET
- About Kerala Startup Mission and Maker Village
- Expectation of a Startup Industry
- Proposed Startup Scheme under NaMPET Phase-III
- Interaction and feed back from the participants

Startup Promotion Scheme

Promotion of Startups is one of the thrust areas being addressed in National Mission on Power Electronics Technology phase-III. Many Power Electronics technologies developed under NaMPET are ready to be translated into products for commercialization. India has immense opportunity to focus on Power Electronics Startup companies as we have got academic research excellence and some of the finest academicians working in this field. The domestic market potential itself is very huge companies can flourish if innovative and cost-effective Power Electronics products pertaining to renewable energy, power system, motor drive system, e-mobility sub systems, custom power solutions, defense products etc. are brought out at appropriate time. NaMPET, being a project of MeitY facilitating collaboration of industry, R&D and academics, can play a vital role in developing a Startup ecosystem in the field of power electronics. It is proposed to support the Startup entrepreneur for proto development in terms of technology, consultancy and testing facility from NaMPET-III.

NaMPET

National Mission on Power Electronics Technology - NaMPET, is a program launched by the Ministry of Electronics and Information Technology (MeitY), Govt. of India, with a vision to provide the country with capability to become a dominant player in power electronics technology. Through this national level R&D program, Research, Development, Deployment and Commercialization of power electronics technology is envisaged by enhancing the indigenous R&D expertise and infrastructure in the country with active participation from academic institutions and industries. C-DAC, Thiruvananthapuram, is the Nodal Centre co-ordinating the activities of NaMPET.

NaMPET facilitated in establishing a network of premier academic institutes and industries, thus strengthening the power electronics technology base in India.

Website www.nampet.in

KERALA STARTUP MISSION

Maker Village
THE ELECTRONICS INCUBATOR IN KERALA

POWER ELECTRONICS GROUP
CENTRE FOR DEVELOPMENT OF ADVANCED COMPUTING
C-DAC(T), Vellayambalam, Thiruvananthapuram – 695033 India,
Tel : 91 471 2723333 / 2726710 Fax : 91 471 2723456 Website: www.cdac.in

C-DAC, Thiruvananthapuram

Centre for Development of Advanced Computing, Thiruvananthapuram, C-DAC (T) is a Scientific Society of the Ministry of Electronics and Information Technology (MeitY), Govt. of India. The Centre has been working in application oriented research, design and development for various strategic, industrial, consumer electronics and IT systems. In this process, the Centre has acquired competency, expertise and extensive experience in the areas of Power Electronics, Control & Instrumentation, Networking, Broadcast & Communications, ASIC Design and Underwater Electronics.

Website www.cdac.in

Power Electronics Group: Power Electronics is the technology associated with the efficient conversion, control and conditioning of electric energy from the source to the load. Power Electronics is a major thrust area of C-DAC and a dedicated group in CDAC-Thiruvananthapuram, from its inception is engaged in research, development, deployment and technology proliferation activities related to power electronics technology. The major activities of the group are focused on the Smart Grid components, Power Quality solutions, Power Controllers for tapping optimum energy from Non-conventional energy sources, Micro-grid for green energy villages, e-Mobility and Automotive Electronics, Real time Simulators and Emulators, Power Converters with new generation WBG Devices, Development of industrial control products like Variable Speed Drive systems, Uninterruptible Power Supply systems, High efficiency and Power density Switched Mode Power Converters, High Voltage Systems, Systems for strategic applications, High Speed Digital Controllers for Power Electronic Systems, etc. In addition to technology development projects, the group undertakes sponsored projects for specific applications from industries. The group works with a mission to evolve itself into a world-class Research Centre in Power Electronics, and at the same time catering to meet national objectives with due consideration to industrial needs and opinion of domain experts on future technology. The developments are targeted towards employing Power electronics for energy saving, eco friendly systems, quality and cost effective products and to promote the use of non-conventional energy sources available locally.

Power Electronic Group at C-DAC(T) contributes to the national level technology development in Power Electronics by functioning as the Nodal Centre for the programme National Mission on Power Electronics Technology launched by Ministry of Electronics and Information Technology, Govt. of India.

Kerala Startup Mission

The Kerala Startup Mission (KSUM) is the nodal agency of the government of Kerala for promoting entrepreneurship in the state. It is also the implementing body for the Kerala Technology Startup Policy that supports the state's startup ecosystem through the various schemes and support programs. KSUM was founded in 2006, with the goal to promote technology-based entrepreneurship activities and to create the infrastructure and ecosystem required to support high-end technology-based startup businesses.

Website www.startupmission.kerala.gov.in

Maker Village

Maker Village is the largest electronic hardware incubator and ESDM facility in the country, which is a pioneering startup initiative of Ministry of Electronics and Information Technology, Government of India with Indian Institute of Information Technology, Trivandrum as the implementation agency and Kerala Startup Mission as the supporting partner.

Website www.makervillage.in

KERALA STARTUP MISSION®

CENTRE FOR DEVELOPMENT OF ADVANCED COMPUTING

Maker Village
THE ELECTRONICS INCUBATOR IN KERALA

POWER ELECTRONICS GROUP

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PROGRAMME SCHEDULE

The registration for the event will start at 9 am to 10.00 am

Time	Mins	Event Category	Session Name
10.00 - 10.15 AM	15 mins	Inauguration	Welcome Address
10.15 - 10.30 AM	15 mins		Presidential Address
10.30 - 10:45 AM	15 mins		Inauguration & Inaugural Address (Chief Guest)
10.45 - 11.15 AM	30 mins		Special Address (NaMPET & CDAC)
11.15 - 11.30 AM	15 mins	Startup- NAMPET Experience Sharing	My Tech Journey
Tea Break			
11.45 - 12.15 PM	30 mins	Role of Govt. in creating a tech community along with the stakeholders	Power Electronics as a community including Academics, R&D, Industries and Startups
12.15 – 01.00 PM	45 mins	R & D Opportunity with CDAC	Technology Transfer - Opportunities for Startups
Lunch Break and Networking			
02.00 - 02.45 PM	45 mins	Startup Opportunity with KSUM and Maker Village	Technology Commercialization - Opportunities for Startup
02.45 - 03.45 PM	60 mins	Panel Discussion	
03.45 - 04.00 PM	15 mins	Conclusion	Vote of Thanks
High Tea			

Ministry of Electronics & Information Technology, Government of India

NaMPET

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