

TRINITY COLLEGE OF ENGINEERING
in association with
INDIAN SOCIETY FOR TECHNICAL EDUCATION (ISTE)
presents

Faculty Development Programme on

FUNDING YOUR RESEARCH

How to Apply for and Get
International Grants for Your Research

Keynote Speakers

Dr. David N V

Head of Research, Research Management Centre, Universiti Teknologi, MARA, Malaysia

Prof. Dr. K Sudesh Kumar

Universiti Sains Malaysia (USM), International Research Collaborator including
MIT USA & Fraunhofer Institute Germany, RIKEN Japan.

Dr. K C Chandrasekharan Nair

MD, Dheerkayush Hospitals (P) Ltd, Founder CFO Technopark, Ex Registrar and Former MD,
Technopark TBI (Kerala Startup Mission), Advisor, Trinity College of Engineering

June 13, 2017 at Trinity College of Engineering

Registration Fee : Rs 750

Registration : Deepu Sajeev : +91 7736806371,
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Dr. N V David

Head of Research,

Research Management Centre

Universiti Teknologi MARA, Malaysia

David, N.V. earned his doctoral degree in Mechanical Engineering and Materials Science at Texas A&M University, USA under the auspices of Fulbright Fellowship, the Rice-Cullimore Scholarship – ASME Auxiliary, and the Malaysian Government. He obtained a Master of Science degree and a Bachelor of Engineering (Honors) degree in Mechanical and Materials Engineering from Universiti Kebangsaan Malaysia.

He is currently the Head of International & Private Grants Acquisition Unit at the Research Management Center, Universiti Teknologi MARA (UiTM) in Shah Alam, Malaysia. Inflow of research funding from external sources has increased 18 fold under his tenure since 2014 with research funds granted by more than 30 private foundations and international organizations. The international and private grants registered the highest growth sector for grants acquisition across the UiTM system in 2016. He was honored with Excellent Service Award UiTM in 2004 and 2015. David authored/co-authored over 115 refereed scientific articles as of June 2017. His research interests include bio-composite engineering, viscoelasticity, acoustics, brainwave entrainment and structural health monitoring. He has developed and tested a new iso-strain state composite model to characterize the uniaxial viscoelastic behavior of a natural rubber coated ballistic fabric.

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Prof. Dr. K Sudesh Kumar

Universiti Sains Malaysia (USM),

**International Research Collaborator including
MIT USA**

Fraunhofer Institute Germany

RIKEN Japan,

Prof. Sudesh is actively involved in international research collaborations with Japan, Russia, Thailand, Sweden, India, Vietnam, Germany and USA. His research activities are funded by grants from the university, ministries (MOE and MOSTI), as well as industries from both within Malaysia and abroad.

Prof. Sudesh's main research interest is in the design and synthesis of biodegradable polyhydroxyalkanoates (PHAs) using microbial systems. He started researching in this area in 1992 and obtained his Masters in Biotechnology from University Malaya. Then, he continued research in this area for his PhD, which was sponsored by Japanese Government (Monbusho). His research project was on the cloning and characterization of the genes involved in the production of PHAs. The research was conducted at RIKEN Institute, Japan. He obtained his PhD in 1999 and then continued as a Special Postdoctoral Researcher at RIKEN. He returned to Malaysia under the Brain Gain Program and joined the School of Biological Sciences, Universiti Sains Malaysia (USM) as a lecturer in 2001 and became a full professor in 2011. He is one of the recipients of the Top Research Scientist Malaysia (TRSM) award. During this time, he has supervised 25 MSc and 25 PhD students. Currently, he is supervising 20 postgraduates. In addition to the more than 150 scientific publications, he has 5 granted patents, 2 of which has been successfully licensed. His h-index and total citations under Scopus are 27 and 3248 respectively.

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Dr. K C Chandrasekhar Nair, popularly known as KCC, is recognized as the father of business incubation in India. Inspired by the vision and words of Bharat Ratna Shri APJ Abdul Kalam, KCC established the Technology Business Incubator, the first of its kind in India, in the Trivandrum Technopark in 2005. By the time he retired as the CFO of Technopark as well as the MD of the Technopark TBI, he had mentored and incubated over 200 startups. He started 1st TBI for NRIs in the country, NRI Technology Business Incubator, Infopark, Kochi in 2012 & 1st Startup Village (PPP) in Kochi in 2012. He has over 35 years' experience in Finance and Quality Standards in Keltron, CDAC, Technopark and 10 years in Technopark TBI in Innovation, Incubation & Entrepreneurship Development. He Started Two Pvt. Ltd companies in Health Care sector. He is the Co Author of the Book "The Startup Habit" (2016). Under his guidance over 40 Startups & Innovators have won National & International Awards including 5 Gold medals for best Innovations (DST-Lock Heed Martin awards) in the country. He helped the Government in formulating Incubation and Student Entrepreneurship Policy, Women Entrepreneurship Policy etc. in the State. He organized 50 Entrepreneurship Development Programmes (EDPs), 66 Entrepreneurship Awareness Camps (EACs) and 12 Faculty Development Programmes (FDP) in various Colleges in Kerala State as well as in Technopark. He established over 50 'Innovation and Entrepreneurship Development Centres (IEDCs)' in Engineering Colleges/ B Schools all over Kerala.

Dr. K C Chandrasekharan Nair

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