



SIR M VISVESVARAYA INSTITUTE OF TECHNOLOGY

IOT & Cyber Security including Block Chain Technology

And

Artificial Intelligent & Machine Learning

Organizes

A Celebration Activity

ON

National Technology Day

Under

INSTITUTE'S INNOVATION COUNCIL (IIC)

EVENT TITLE National Technology Day on 11-05-2024.

Description of Event

The day is dedicated to recognizing and celebrating advancements in science and technology, as well as the contributions of scientists, engineers, and tech professionals who drive progress. Various events, seminars, and discussions are held across the country to highlight the importance of technological advancements and their impact on society. National Technology Day aims to inspire future generations to pursue careers in science and technology, fostering a culture of innovation and excellence. It also serves as an opportunity to reflect on the role of technology in shaping the nation's development and to encourage further investment and research in this crucial field.

Objectives of Event

1. **Celebrate Technological Achievements:** Highlight and recognize the significant advancements and accomplishments in the field of science and technology. The day commemorates India's progress in these areas, including key milestones like the successful nuclear tests at Pokhran.

2. **Promote Innovation:** Inspire and encourage innovation and creativity among students, researchers, and professionals. The day aims to foster a culture of technological innovation that can drive future developments.
3. **Honor Contributions:** Acknowledge and honor the contributions of scientists, engineers, and technology professionals who have played a pivotal role in advancing the country's technological landscape.
4. **Raise Awareness:** Increase public awareness about the importance of technology in various aspects of life, including economic development, healthcare, education, and national security.

Benefits in terms of learning/skills/knowledge obtained

5. Learning is the process of gaining new skills, knowledge, understanding, and values that is benefit to society. Change making contribution to the society through innovative ideas, startup ideas and entrepreneurship motivations.

Poster of the Event



SRI KRISHNADEVARAYA EDUCATIONAL TRUST

Sir M. Visvesvaraya Institute Of Technology

AFFILIATED TO VTU, BELGAVI - RECOGNISED BY AICTE - ACCREDITED BY NAAC

Krishnadevarayanagar, Hunasamaranahalli, Off International Airport Road, Bengaluru - 562157



DEPARTMENTS OF IOT & CYBER SECURITY INCLUDING BLOCKCHAIN TECHNOLOGY
AND
ARTIFICIAL INTELLIGENCE & MACHINE LEARNING

in association with the
Institution's Innovative Council
Celebrates

National Technology Day

Date : 11-05-2024
Time : 10 am onwards
Place : CSE Seminar Hall



IIC - Chair
Prof Rakesh S. G.
Principal

Speaker
Dr. C. Kamali
Chief Scientist & Group
Head, Flight Mechanic &
Control Division, NAL.

IIC - President
Dr. Vani Priya Ch.
Prof & Head
Department of MCA

IIC - Vice President
Dr. Sasmita Mohapatra
Professor
Department of ECE

Coordinator
Dr. Savita Choudhary
Assoc. Professor & Head
IOT & Cyber Security
including Blockchain
Technology

IIC - Convener
Dr. Soumya Patil
Assoc. Professor & Head
Department of AI&ML

Photo and Resume of the Resource person



Dr. Kamali. C

Organization: CSIR- National Aerospace Laboratories, Bangalore.

Dr. Kamali. C obtained BE(EEE) from Alagappa Chettiar College of Engg and Tech, Madurai Kamaraj University in the year 1994, ME(PE) from BMS College of Engineering, Bangalore University in the year 2000, PhD in Aircraft real time parameter estimation (EEE) from VTU, Belgaum in the year 2008. She joined National Aerospace Laboratories in the year 2004 as a Scientist and presently she is a Chief Scientist, Group head (Flight simulation) at the Flight Mechanics and Control Division. She works for various National aircraft programs such as SARAS, RTA, LCA, AMCA, Jaguar for simulator and flight model developments. She has extensively worked on the design development of onboard algorithms such as attitude estimation, inertial velocity and gravity vector estimation for LCA. The attitude estimation algorithm developed by her is implemented onboard LCA and it enabled the gravity compensation within control laws and the realization of Advanced Low Speed Recovery algorithm. She has worked on the algorithm development for LCA airdata calibration and the calibrated tables are flying onboard in all variants of LCA. She has been

also involved in the design, development of Flush AirData Sensing algorithms. She played a major role in the modeling of a handling quality simulator project delivered to Test Pilot School, IAF. She has several international/national journal/conference publications to her credit. She is a course coordinator for the subject flight mechanics and control under the ACSIR and teaches the subject to the PhD students. She is a recipient of CSIR- Raman Research Fellowship for the year 2017 and was deputed to Germany to carry out the research work. She was awarded with the CSIR-NAL Best Woman Scientist for the year 2009 and she has been awarded with various Technology Shields/ Excellence awards by CSIR-NAL. She is awarded with woman professional in aviation and aerospace by IWPA during Aero India, Feb 2023 and felicitated by DRDO. She is recognized as Women in aerospace and aviation in the compendium on woman who made difference, Nov 2023 released by the Aeronautical Society of India. Her areas of research include flight simulation, modeling, state and parameter estimation, airdata calibration and algorithms for Flush Airdata Systems

Related Photographs of the Event

