

**Press Release**

TIDCO through its state-of-the-art Industrial Centres of Excellence (CoEs) - TANSAM, TANCAM, and TAMCOE, in association with Siemens, Dassault Systemes and GE Aerospace respectively, at a total project cost of Rs.600 crore, have been successfully enabling Innovation, Industry 4.0 adoption and supporting the State's Advanced Manufacturing Capabilities amongst, Industry, Academia, MSMEs, Startups, and the Government agencies. Spokes of the centres are also being created at various Academic institutions across the state to make the rich expertise and technologies available at these CoEs, within the reach of the students for their capacity building and bridging the gap between the Academia and Industries.

To strengthen its commitment towards the Industrial research and commercialisation of technologies, TIDCO's CoEs have signed MoUs with the Council of Scientific & Industrial Research (CSIR) through its constituent laboratory - Central Scientific Instruments Organisation (CSIR-CSIO), Chandigarh and its regional centre at CSIR Campus Taramani, Chennai. MoUs were signed at the Technologist Industrialist Meet & Expo Energy (TIMEe – 2024) held at CSIR- CSIO Chennai Centre, CSIR Madras Complex, Taramani, Chennai. The Expo focussed on the theme of energy organized by CSIR-CSIO as part of the 'ONE WEEK ONE THEME' Initiative of CSIR (June 24<sup>th</sup> – 28<sup>th</sup>, 2024).

CSIR-CSIO is a premier R&D organization engaged in undertaking research, design and development of scientific & industrial instruments as well a participating lab for M.Tech and Ph.D program under Academy of Scientific & Innovative Research (AcSIR).

MoUs were signed and exchanged between Prof. Shantanu Bhattacharya Director, CSIR-CSIO, Chandigarh and Mr B. Krishnamoorthy- IOFS, the Project Director of TIDCO and MD of all the 3 CoEs . The event also witnessed the participation of Prof. Ashok Pandey Distinguished Scientist, CSIR-IITR, Lucknow, Sh. Rajan Luthra Head - Special Projects, Reliance Industries Ltd., Mumbai, Mr. Rakesh Swami, Group President, Corporate Affairs, Godrej, New Delhi, Dr A. Robert Sam Scientist-In-Charge, CSIR-CSIO Chennai Centre, Dr Suman Singh Senior Principal Scientist, CSIR-CSIO Chandigarh and Dr G. S. Ayyappan Senior Principal Scientist, CSIR-CSIO, Chennai Centre and other distinguished experts and professionals in the

field of energy, offering insights, networking opportunities, and discussions on the latest advancements and challenges.

These MoUs will facilitate mutual sharing of expertise, domain knowledge, and available facilities in mutually agreed research areas between CSIR- CSIO and TIDCO's CoEs. Some of the key areas would be Engineering, Biomedical Application, Instrumentation, Control Systems, Industry 4.0, Energy Management, Material and Physical Sciences, Intelligent Sensors and Systems, AI development, Micro and Nano Optics, Calibration, CRTDH for Solar PV System testing and certification, 3D Modelling and Printing, Virtual Twin Technology, Innovative and Additive Manufacturing, drone design, composite modelling, robotics development, Reverse Engineering, Digital Twin (Smart Factory), IOT, Digital Technology, and any other areas of common interest, towards its application in industrial sectors.

Also this MoU will facilitate TIDCO's CoEs to undertake joint research with CSIR – CSIO units, leading to development of new technologies with IP creation as well as to undertake technical consultancy projects, Conducting feasibility studies, pilot projects, and validation of prototypes/technologies developed indigenously, including in-field evaluation, as well as deployment/ demonstration in an industrial environment. This MoU will further strengthen the interaction between the TIDCO's CoEs and CSIR- CSIO with the Academia, MSMEs, Startups, scientists, engineers, and research scholars and Industries through various joint activities and initiatives.

TIDCO's CoEs have been constantly gaining momentum by supporting the Startups, MSMEs and Industries with employable and talented work force and also fostering continuous research and imparting Industry 4.0 solutions in industrial arena, thereby making TN an attractive destination for investment.

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**வெளியீடு: இயக்குநர், செய்தி மக்கள் தொடர்புத்துறை, சென்னை-9**

அரசின் செய்திகளை உடனுக்குடன் தெரிந்துகொள்ள:

