




**Signing Up
of
Memorandum of Agreement
for
Centre for Creativity
&
Innovation in Technology**

at
JIS College of Engineering
Block A, Phase III, Kalyani, Nadia
West Bengal, India 741235

25th November, 2017



The Asian Institute of Technology (henceforth referred to as AIT) promotes technological change and sustainable development in the Asian-Pacific region through higher education, research and outreach. Established in Bangkok in 1959, AIT has become a leading regional postgraduate institution and is actively working with public and private sector partners throughout the region and with some of the top universities in the world. It specializes in engineering, advanced technologies, and management and planning.

JIS College of Engineering (henceforth referred to as JICSE) was established in the millennium year 2000 by JIS Foundation. The Institution is declared Autonomous by the University Grant Commission in 2011. The autonomous status conferred with qualification of 2(f) and 12(b). The Institution is approved by All India Council for Technical Education (AICTE) and affiliated to West Bengal University of Technology (WBUT). The Institution was accredited by National Assessment and Accreditation Council (NAAC) in 2009 and all its eligible technological departments are accredited by National Board of Accreditation (NBA) or under re accreditation process. Further, the Institution has qualified for the World Bank Grant of Rs. 4 crore under Technical Education Quality Improvement Programme (TEQIP) Phase II in the Subcomponent 1.2, for PG and Demand driven Research & Development & Innovation, as the only private self financed institution from the State of West Bengal after three lead Universities JU, BESU and CU.

November 25th, 2017 is a memorable day in the history of JISCE and AIT. On this auspicious day these two esteemed institutions came together and joined hands by signing a memorandum of agreement among them thus ensuring a brighter and more promising future for both the institutes and everyone in association.

Prof. Worsak Kanok Nukul Chai, the President of AIT and Prof. Nitin Kumar Tripathi, Director special degree program, school of Engineering and Technology, AIT visited JISCE campus for signing the MoA and inauguration of the Crinnotech (Centre for Creativity and Innovation in Technology).

The AIT delegation was welcomed by Sila Singh Ghosh, Vice President, JIS Group, Dr. Malay R Dave, Principal JIS College of Engineering and team. This was followed by a meeting to discuss about the scope of the collaboration and the future teaching and learning process. The best educational practices adopted by JISCE were showcased. The meeting was concluded with the signing of the MoA and followed by vote of thanks.

The inauguration ceremony of the Crinnotech was taken place after signing up of MoA. The inauguration began with the Indian traditional ritual of ceremonial prayer. After this Prof. Worsak, the President of AIT performed the symbolic ribbon cutting ceremony and officially inaugurated the centre. Prof. Worsak and Prof. Nitin were given a tour of the Crinnotech Lab and FLIP Learning as they were eager to take a closer look at the facility and was keen to learn more about how it's operations.

FLIP Learning is a new age learning approach which is modernizing the teaching learning experience across the globe. JISCE being the trend-setter that it is, was the pioneer in exploring and implementing this revolutionary method of learning in India. The tour of CII innovation lab was conducted by team JISCE. Twenty Six patents and numerous models at the CII lab were showcased. Prof. Worsak and Prof. Nitin applauded the initiative, efforts and the achievements of JISCE and all those who are associated with the FLIP Learning Centre.



Vision

Establishment of Centre for Creativity and Innovation in Technology (Crinnotech) in JISCE where students and faculty members of both institutions and other partner institutions will be able to foster innovations for industrial, social and environmental needs of India.

Mission

Pursue research and development with an aim to develop innovative solutions through students projects, sponsored projects, technology dissemination, organizing awareness by sharing experience by seminars, conferences and video conferences by synergizing the efforts from JISCE and AIT faculty and students.

Goal

- ▶ Pursuing innovative research and development through students' projects, technology dissemination.
- ▶ Organizing awareness program by sharing experience through seminars, conferences and video conferences via synergy of efforts from JISCE and AIT faculty members and students.
- ▶ Embarking on govt. funded joint venture projects with AIT

Objective

- ▶ Faculty(Short and Long-term) and Student (Short term) exchange program for research and project Development
- ▶ Conduct research and development activities in key areas of innovation such as ICT – smart systems, Nanotechnology, Mechatronics, Manufacturing Engineering, Packaging Technology, Energy systems, Transportation Systems, Waste collection, management and disposal, waste to energy, precision agriculture, low cost housing, Smart health and disease surveillance systems etc.
- ▶ Talent enhancement through trainings, knowledge sharing session etc.
- ▶ Conduction of Conferences, exhibitions etc. to showcase innovative technologies
- ▶ Joint publications in international Journals and Conferences

Outcome

- ▶ Introduction to Latest Technologies and industry trends
- ▶ Hands on experience of working on real time projects
- ▶ Exposure to opportunities at international level
- ▶ Bridging the gap between institute and industries
- ▶ Attracting more projects and investments
- ▶ Initiation of student project at AIT

Photo Gallery



Meeting between
AIT & JISCE
team members

Signing up of
MoA



Exchange of MoA
between
Prof. Worsak
and
Dr. Malay R Dave

Indian traditional
ritual of
ceremonial
prayer



Photo Gallery



**Coconut Breaking,
an auspicious
moment of prayer
ceremony**

**Prof. Nitin
Kumar Tripathi
during
lighting the lamp**



**Mr. Amanjot Singh,
Director, JIS Group
during
lighting the lamp**

**Inauguration of the
Centre for
Creativity and
Innovation in
Technology by
Prof. Worsak**



Photo Gallery



At Centre
for Creativity
and Innovation in
Technology

At Flipped
Class Room



Exploring Frontiers of Nanotechnology

Mechatronics
Manufacturing Engineering

Energy Systems & Beyond

Transportation Systems

Energy Systems

Waste Management

Precision Agriculture