

OBJECTIVE OF THE COURSE

Aligned with NEP 2020, this AICTE-VAANI Seminar delivers cutting-edge engineering lectures in Bengali to eliminate language barriers.

These technical sessions will be guided by a distinguished panel of leading academic researchers and subject experts with deep domain experience. This approach builds confidence in grassroots engineers, allowing them to adopt advanced manufacturing and automation techniques without the intimidation of a foreign language.

OUTCOME OF THE COURSE

The Enhanced Conceptual Clarity: Learning complex engineering topics in Bengali will help to a deep, intuitive understanding.

Practical & Industry-Ready Skills: Live demonstrations (3D Printing) and insights into advanced surface engineering will provide regional manufacturing units with localised solutions to industrial challenges.

Innovation: Removing the language barrier will inspire local research, fostering an inclusive, confident engineering community ready to engage with global Industry 4.0 standards.

RESOURCE PERSONS

- **Prof. (Dr.) Soumitro Banerjee**- Retired Professor, IISER-Kolkata
- **Prof. (Dr.) Goutam Sutradhar** - Director, NIT Jamshedpur
- **Prof. (Dr.) Chirodeep Bakli** - School of Energy Science and Engineering, IIT Kharagpur
- **Prof. (Dr.) Prasanta Sahoo** - Mechanical Engineering Department, Jadavpur University
- **Prof. (Dr.) Nilrudra Mandal**, CSIR-Central Mechanical Engineering Research Institute (CMERI), Durgapur
- **Prof. (Dr.) Santanu Das** - Mechanical Engineering Department, Kalyani Government Engineering College
- **Dr. Turin Datta**, Executive Director - Guardian

ABOUT THE COLLEGE

Government College of Engineering and Ceramic Technology, then known as the Bengal Ceramic Institute, was established on 3rd April, 1941, with a view to impart education in Ceramic Technology along with hands-on training in traditional pottery and other conventional ceramic products in the college itself. Subsequently, the institute was transformed from a mono-disciplinary institution into a multidisciplinary one with the introduction of the Information Technology and Computer Science & Engineering departments. The affiliation of the college also changed from the University of Calcutta to Maulana Abul Kalam Azad University of Technology (formerly West Bengal University of Technology) in 2001. Now, the institute conducts B.Tech., M.Tech., and Ph.D. programmes in Computer Science and Engineering, Information Technology, and Ceramic Technology. The institution is autonomous and accredited with **Grade A** by NAAC.

CHIEF PATRON

Prof. (Dr.) Krishnendu Chakrabarty

Principal

Government College of Engineering and Ceramic Technology

COORDINATOR

Dr. Tapas Kumar Bhattacharya

Department of Ceramic Technology

Government College of Engineering and Ceramic Technology

CO-COORDINATOR

Dr. Partha Halder

Assistant Professor in Mechanical Engineering;

Government College of Engineering and Ceramic Technology

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DETAILS OF REGISTRATION

FREE REGISTRATION FOR ALL PARTICIPANTS

Participants are required to register at:
<https://atalacademy.aicte-india.org/login>

Register as a participant and fill in your details.
Select: FDP Type - **VAANI**, Month - **August**, Thrust Area: **Manufacturing & Industry 4.0**, Application No.: **2251498015**
Institute: Government College of Engineering & Ceramic Technology



GOVERNMENT COLLEGE OF ENGINEERING AND CERAMIC TECHNOLOGY

(An Autonomous, NAAC Accredited A Grade Institute under MAKAUT)



85

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DESIGN FOR MANUFACTURING

&

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Emerging Field:

Manufacturing & Industry 4.0

In Bengali



August 19, 2026 to August 21, 2026

Organized by

Government College of Engineering and Ceramic Technology