

**National Conference on
Trends and Advances in Mechanical Engineering
(TAME - 2019)
February 15-16 2019**

**DETAIL OF KEYNOTE ADDRESSES AND
INVITED LECTURES**

KEYNOTE ADDRESS

- I. **MICROFLUIDICS FOR HEALTHCARE: FROM DEEP SCIENCE TO COMMERCIALIZATION**
--- Dr. Suman Chakraborty
- II. **MICROMACHINING: INNOVATIVE CHALLENGES**
--- Dr. B. Bhattacharyya
- III. **BIG DATA ANALYTICS: A WAY TO REACH PINNACLE OF PRODUCTIVITY**
--- Dr. Bijan Sarkar
- IV. **COOLING OF HEAT-GENERATING POROUS BEDS IN SINGLE PHASE NATURAL AND MIXED CONVECTION**
--- Dr. Swarnendu Sen
- V. **MECHATRONICS FOR INNOVATIVE INTELLIGENT PRODUCT DEVELOPMENT**
--- Dr. Subhasis Bhaumik
- VI. **ELECTROLESS NICKEL COATINGS – KEY DEVELOPMENTS**
--- Dr. Prasanta Sahoo
- VII. **WONDER OF CVD COATING IN HIGH SPEED MACHINING**
--- Dr. Ajay Kumar Chattopadhyay
- VIII. **NEAR NET SHAPE MANUFACTURING OF AL ALLOYS AND AL MATRIX COMPOSITES**
--- Dr. Prosenjit Das
- IX. **DEVELOPMENT OF WELDING TECHNOLOGY FOR JOINING/REPAIRING AUSTEMPERED DUCTILE IRON (ADI)**
--- Dr. Tapan Kumar Pal and Tapan Sarkar
- X. **REINFORCEMENT IN THERMALLY SPRAYED COATINGS**
--- Dr. P.P. Bandyopadhyay

INVITED LECTURE

- I. **TRENDS AND ADVANCES IN MECHANICAL ENGINEERING**
--- Sandip Mitra
- II. **AN OVERVIEW ON MAJOR FIRE & EXPLOSION HAZARDS IN THERMAL POWER PLANT & THEIR CONTROL MEASURES**
--- Bimal Mukhopadhyay