



ADHI

COLLEGE OF ENGINEERING & TECHNOLOGY

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1st International conference on Advanced Functional Materials (ICAFM - 2017) 3rd – 5th May 2017

The 1st International Conference on Advanced Functional Materials (ICAFM-2017) was organized by the Department of Mechanical Engineering in Adhi College of Engineering and Technology. ICAF, the most premier conference in the field of functional materials, aims at encouraging the scientists, professors and scholars to divulge their research outcomes and also, promoting research, development and use of functional materials in modern society. The conference theme for the ICAF-2017 is "Advanced Functional Materials", which tries to explore significant role in developing the novel functional materials towards energy and environment. The conference included plenary talks, keynote lectures, oral and various social programs for over 250 participants from India and 10 participants around the world.

The conference began with welcome address by Dr. S. Harikrishnan, Head of Mechanical Engineering, followed by special address from the CEO, Smt. Sujatha Maran. Then, the Principal, Dr. A. Devaraju who briefed about the conference and concluded the inaugural with vote of thanks by Dr. D. Palanisamy.

Date: 03-05-2017 (Session 1)

In the opening session of the conference, Dr. Tamiru Demsis, Academic Vice-President, Wolkite University, Ethiopia delivered an excellent keynote lecture on "Advances in Materials Science".

Highlights of the keynote lecture are as follows:

- Preparation of functional materials
- Applications of materials
- Scope for research on functional materials

Date: 03-05-2017 (Session 2)

The distinguished speaker, Dr. David Juarez Romero, offered a speech on “Advanced Vapour Absorbtion techniques”.

Highlights of the keynote lecture are as follows:

- Different profiles of the heat exchanger coils
- Effect of lithium bromide aqueous solution over ammonia aqueous solution in VAR system
- Scope for energy saving potentials of the system

Date: 04-05-2017 (Session 3)

The renowned speaker, Dr. S. Kalaiselvam, Head, Department of Applied Science and Technology, Anna University, Chennai shared his insights on “Nanomaterials for Energy”.

Highlights of the keynote lecture are as follows:

- Synthesis of nanomaterials
- Characterization techniques for nanoparticles
- Nanomaterials for building cooling application

Date: 05-05-2017 (Session 4)

The eminent speaker, Dr. P.Suresh, Department of Mechanical Engineering, NIT Trichy, offered a brain storming session on “Applications of Nanomaterials”.

Highlights of the keynote lecture are as follows:

- Thermal energy storage using nanoparticles enhanced PCMs
- Nanomaterials for electronics cooling application
- Heat transfer enhancement of nanofluids

Photos:



RELEASE OF ICAFM'17 PROCEEDINGS



PARTICIPANTS ATTENDING IN ICAFM'17



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KEYNOTE LECTURE BY DR. S. KALAISELVAM



KEYNOTE LECTURE BY DR. TAMIRU DEMSIS



VOTE OF THANKS BY DR.D.PALANISAMY