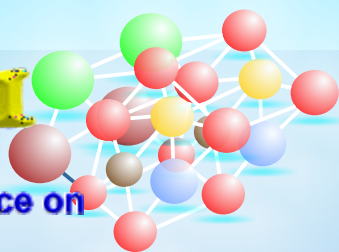


icmf 2011



Second international conference on

Materials for the future

23 - 25 February 2011



Organised by



Government Engineering College Trichur
Thrissur - 680009 Kerala India
www.gectcr.edu

In collaboration with



Directorate of Technical Education Trivandrum, Kerala



All India Council for Technical Education New Delhi



Department of Science and Technology New Delhi



Institution of Engineers(I)



Indian Institute of Chemical Engineers



Centre for Materials for Electronics Technology



Indian Society for Technical Education

icmf 2011

The purpose of this conference is to present a forum for bringing together the state-of-the-art technology on aspects related to the research and development on materials like metals, ceramics, polymers, composites, hybrid materials, etc., their processing and applications in various fields. The conference will provide opportunities for presenting the latest advances in materials, processing, characterisation and applications to researchers from various R&D organisations, academic institutions and also practitioners from industries.

Government Engineering College Trichur

Government Engineering College Trichur (GECT) established in 1958 is one of the premier Engineering Institutes in the country. The foundation stone being laid by Pandit Jawaharlal Nehru makes it one of the oldest engineering colleges in the state of Kerala. The institute is well associated with the industry.



GECT provides world class education bridging the gaps in technical education and developing competency in the frontier areas of engineering studies. The curriculum also aims to create technically sound students with multiple skills. The college comes under the academic purview of the University of Calicut. GECT has been able to establish linkages with the industries in the region and also elsewhere in the country. Many of the alumni occupy top management and key technical positions in industries and government organisations within the country and abroad.

Kerala State

Kerala the land of serene beauty is full of must visit spots with the Arabian sea in the west and the Western Ghats towering 500-2700 meters in the east. Known as **Gods own country**, it is networked by 44 rivers and blessed by an equable climate. Kerala was selected by the National Geographic Traveller as one of the 50 destinations of a lifetime and one of the thirteen paradises in the world. A long shoreline with serene beaches, tranquil stretches of emerald backwaters, lush hill stations, exotic wildlife, waterfalls, sprawling plantations and paddy fields, Ayurvedic health resorts, enchanting art forms, magical festivals and historic and cultural monuments and of course the exotic cuisine. All these will indeed offer you a unique experience. And what's more, every one of these charming destinations is only a two hour drive from the other.

Thrissur, (formerly known as Trichur) with its rich history, cultural heritage and archaeological wealth is aptly called the cultural capital of Kerala. From time immemorial, this district has played significant roles in the political history of south India. Many rulers

and dynasties beginning with the Zamorins of Kozhikode, Tipu Sultan of Mysore and Europeans including the Dutch and the British have played significant roles in moulding the destiny of this region. Raja Rama Varma popularly known as Sakthan Tampuran was the architect of the present Thrissur town. Today Thrissur enjoys global fame for its pooram festival featuring numerous adorned elephants. This city is considered to be a the cultural centre with the Kerala Kalamandalam, the Kerala Sahithya Academy and Kerala Sangeetha Nataka Academy located here.

Call for Papers

Papers from the following areas are invited for presentation in the conference. Authors are requested to submit the abstract of the paper, typed in double-space in about 500 words through the website www.icmf2011.org latest by September 30, 2010. Detailed directions on preparation and submission of the abstracts are available in the website.

Biomaterials	Rapid tooling
Nanomaterials	Innovative materials processing
Nanocomposites	Powder processing science
Organic and inorganic materials	Materials evaluation techniques
Polymers	Construction materials
Applications of hybrid materials	Pavement materials
Challenges of hybrid materials	Energy efficient materials
Smart materials	Composite materials
Finite Element Analysis in materials design	Fibre reinforced materials
Failure and fracture mechanisms	Pre-fabricated components
Heat treatment of materials	Cable-long span materials
Machining of new materials	Fire retardant materials
Fabrication/molding techniques	Light weight roofing materials
Metal forming and joining processes	Conducting and Insulating materials
Rapid prototyping	Green materials

Registration fee (Per Delegate)

	Before 21 st Nov 2010	After 21 st Nov 2010
Delegates from industry in India	: Rs. 4000	Rs. 6000
Delegates from educational and R&D Institutions	: Rs. 2000	Rs. 3000
Delegates from abroad	: US\$ 250	US\$ 350

Dates to remember

Receipt of abstracts	: September 30, 2010
Confirmation of acceptance	: October 31, 2010
Submission of manuscripts along with registration	: November 30, 2010

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