



LAKSHYA

ASSOCIATION OF MECHANICAL ENGINEERING

pragati '08

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AMRITA
VISHWA VIDYAPEETHAM
UNIVERSITY

Established u/s 3 of the UGC Act 1956

Introduction:

“Man has been making and improving machines of wood and fibre for millenia; metal machinery is still in its clumsy infancy . The simplicity of the sail-crafting and violin is the simplicity of perfection.”

-Richard Hughes, about sailing, in “Venturesome Voyages”

Mechanical engineering is a very broad field that involves the application of physical principals for analysis, design, manufacturing and maintenance of mechanical systems. Emergence of new technologies spurred by intense competition has led to rapid progress in mechanical field. It is essential that the Mechanical field be prepared to implement advanced technologies in time. An ideal step in this direction would be the development of a strong technical foundation through research by industry, academic and government institutions .

Amritapuri Campus:

Amrita University is one of the fastest growing institutions of higher learning founded by one of the foremost leaders of humanity, Satguru Sri Mata Amritanandamayi Devi (AMMA) who is also the Chancellor of the University. With strong support from both industry and government, Amrita University has established several centers of excellence and launched major research initiatives. Amrita has campuses distributed across various parts of India, and hosts the only Satellite E-learning and Telemedicine network. Amritapuri campus comprises School of Engineering, School of Applied Sciences, Centre for Biotechnology and School of Ayurveda.

Focused on becoming a world-class center of learning, the faculty at the Amritapuri campus envision providing

About LAKSHYA:



From its beginning in 2004, the Department of Mechanical Engineering has been accepted as a unique forum for presentation and discussion of research and development works in the vast area of mechanisation. Be it the seminars conducted weekly or the projects done in every semester, the Mechanical Engineering Department has provided the much needed focus for future growth. It has always fledged the campaign of this technical era's developments and sustainability with utmost spirit, keeping VISION 2020 as one of its objectives.

About pragati '08:

Lakshya, the Association of Mechanical Engineers would like to conduct a three day inter collegiate technical festival Pragati'08 at national level, from April 4-6, 2008, at Amritapuri Campus aiming at linking technology and the common man. We also plan to implement these ideas into the snowballing technological advancements in Modern India.

Our objectives are:

>>> To spread awareness at the national level about Amrita Vishwa Vidyapeetham, Amritapuri.

>>> To interact with students from other premier institutes all over India aiming to share and gain technical knowledge.

>>> To gain in practical expertise in organizing and managing large scale events.

With the grace of Amma, Pragati'06 conducted in 2006 was a successful event which attracted over 500 participants from all over South India.

We would like to invite a prominent personality to inaugurate Pragati'08, who could provide the awareness on Ancient Indian technology with cultural ethos.

Events of *pragati* '08:

Competitive Events:

1. Concept Design

An offstage event that aims at producing cost effective technology for rural people which would be made using local resources with a high creative acumen and technical know-how. The event has two rounds: one elimination round and a final round. The best team will be selected according to the guidelines.

Prize Money: Rs 14,000/-

2. Industry Defined Problems

An innovative event that aims at generating awareness about a problem faced in industries. The objective is to obtain the best possible solution for the given problem focussing on safe, simple, efficient and economical design.

Prize Money: Rs 14,000/-

3. Quiz

A brain teaser that creams out the techno-prodigies with general India awareness. Participation shall be in two and there will be a written elimination exam followed by an on-stage final round.

Prize Money: Rs 17,000/-

4. Paper Presentation

Undergraduate students of second, third and final years can present papers on a specific theme that relates to renewable energy, water desalination, fuel cell vehicle etc.

Prize Money: Rs 14,000/-

5. Ultimate Engineer

In today's world, engineer is an all rounder. He should have technical, managerial and administrative skills," the ultimate skills". This event finds out the best of the best engineers.

Prize Money: Rs 10,000/-

6. Programming

An event which tests the programming skills that could bring about higher developments in rural India like farmer-friendly network services.

Prize Money: Rs 14,000/-

7. Best Manager

This event tests the managerial skills along with the analysing capabilities and their ability to work in a team.

Prize Money: Rs 14,000/-

Non-Competitive Events:

1. Seminars & Lectures

We plan to have five or six lectures - two lectures based on technical topics, two on emerging entrepreneurship and one based on "Development, Youth & Society".

2. Workshops

We plan to have workshops based on latest technology like mechatronics and nano sciences.

3. Open Forum Discussions

Eminent persons from different fields will interact with students and discuss social and technically relevant topics. This would enable all the listeners to gain from the experience of the guest.

4. Cultural Evening - Utsav'08

The cultural evening is to be conducted along with the felicitation ceremony. Utsav'08 will show case the cultural talents of students.

Address for Correspondence:

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A Glance to

pragati '06

