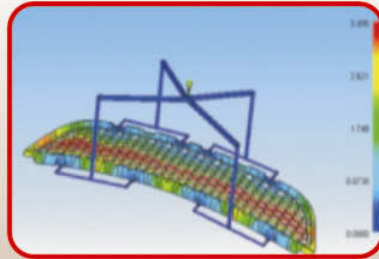


Objective :

The Seminar is aimed at bringing together Scientists, Industrialists, Research scholars and Students who are interested in the Plastics Product Development for exposure to newer developments in the Plastic Industrial Product Design and Engineering concept. The objective of the Seminar is to create awareness about the Implementation of new Technology into the Innovative Product Development, to educate Plastics industries to adopt Improved Design concept in basic Products Development, to expose to the application of the Technologies like Reverse Engineering, Rapid Prototyping, etc.



The seminar emphasizes on the following topics :

- Advancement in Polymeric Materials
- Computer Aided Engineering
- Product Development
- Rapid Prototyping
- Reverse Engineering

Venue

Hotel Radisson GRT, 531, GST Road, St.Thomas Mount
Chennai, Tamilnadu

Contact Details

Chief Manager (Technical)

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Seminar cum Awareness Programme on “Trends in Innovative Plastics Product Development” on 5th & 6th September 2009

in commemoration with



Organized by

Advanced Research School for Technology and Product Simulation (ARSTPS)
CIPET, Chennai

Profile of CIPET :

Central Institute of Plastics Engineering and Technology (CIPET) under the aegis of Department of Chemicals & Petrochemicals, Ministry of Chemicals & Fertilizers, Govt. of India established in the year 1968 and fully devoted to the service of Plastics and Allied Industries for more than four decades. CIPET is a premier National Institution devoted to Academic, Technology Support & Research Services (ATR) for the Plastics & allied industries. CIPET has been awarded with the ISO 9001:2000 QMS for its training & technical services. 15 CIPET centers were established at various locations across India. All the CIPET centers have uniform infrastructure facilities in the area of Design – CAD/CAM, Tooling, Plastics Processing, Testing & Quality Assurance under one roof. CIPET renders Technology consulting services in Design, Tooling, Plastics Processing and Testing & Quality Assurance in India & Abroad. Technology innovation through dedicated research work by a Core team has been the philosophy of CIPET, which led to the establishment of 2 R&D centers - Laboratory for Advance Research in Polymeric Materials (LARPM) & Advanced Research School for Technology & Product Simulation (ARSTPS) at CIPET Bhubaneswar & Chennai respectively.

CIPET has successfully completed about 35 Research & Development projects in different disciplines of Polymer Science, Engineering & Technology, sponsored by various government and non-government funding agencies. Also, CIPET has filed 5 Patents in different areas of product design and on polymer composites, Nano-composites etc.



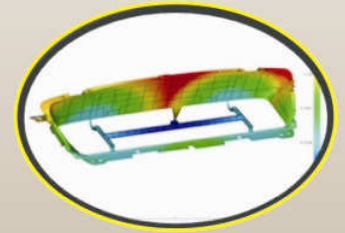
Advanced Research School for Technology and Product Simulation (ARSTPS) :

Advanced Research School for Technology and Product Simulation (ARSTPS) is a Research Wing of CIPET in the field of Plastics Product Development. The automotive parts manufacturing hub of Southern India, attracts the local and overseas industries for Innovative Product development, Reverse Engineering, Rapid Prototyping works. ARSTPS provides high-end solutions for the complex & critical engineering problems through a dedicated team of Scientists.

The Scientists are exposed with a range of Solutions of the most challenging technical issues in the field of Automotive, Consumer products, Health care, Heavy engineering & Telecom. With the Excellent infrastructure & Dedicated Professional team, the best services are offered to achieve Customer Satisfaction. ARSTPS had applied for 10 design registrations & 5 patents in the short period of one year.



ARSTPS has completed many projects with joint collaboration with industry and academic institution. Apart from that ARSTPS has a mission to make Certification and technology transfer with joint Collaboration/co-ordination with universities in India & abroad and co-operation with the CAD/CAM/CAE software developers & manufactures.



Two year full time post graduate programme on M.Tech in CAD/CAM/CAE in Plastics Technology is being introduced from the Academic year 2009-2010.



Services Offered :

- Plastics Product Design
- Plastics Flow analysis & Product/mould design validation
- Optimization of process parameters
- Visualization of Product quality at the Product design stage
- Elimination of part failure during service condition

