



Vapour Jet Boiler

M Chattopadhyay

The unit used by big hotels and industries for cleaning utensils etc. had the hang-over of the image of Boilers which the company manufactures. The main effort of the designer has been create an image appropriate for the hotel use. The sheet metal body incorporates all working elements, plumbing and wiring inside. The unit is currently in production and is exported to many

“Tryst with Destiny” Education Ministry’s Pavilion at Asia 72

S. Nadkarni, U.A Athavankar, M. Chattopadhyay, A.G Rao, Subodh Dhairyvan, Roby D’Solva, Abdul Gaffoor

The Center was assigned the task of designing a pavilion on ‘Education’ in the Third Asian International Trade Fair termed as Asia 72. The design efforts culminated into a presentation “Tryst with Destiny” distinguished by its simplicity from the rest of pavilions. The scheme depicted educational efforts at various levels in the transformation

of India since Independence. The Pavilion conveyed the theme through murals, illuminated photographs, filmed interviews, a film and publicity programme of posters folders etc. Vacuum formed plastic units which could be transported easily and assembled in a short time were designed. Items like chairs, ash trays, lamps were specially designed for the exhibition



Light Weight Bus

U A Athavankar, M Chattopadhyay, S S Gurujee, M S G Rajan

Weight of the bus can play a crucial role in the fuel consumption. Design of light weight busbody was taken up by a team of designers in response to a competition. Studies revealed interesting facts in the present design. The gusset-plates and screws weight as much as 30% of the structure in the present design. F.R.P frames with aluminium covering is used in the new design reducing the weight by 500 kgs. the luggage area is brought down to increase the stability. the project stands as a good inter-disciplinary project between structural engineers and industrial designers showing

the potentials of team work in an Institute with various disciplines

