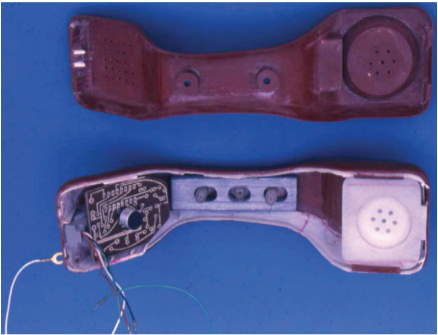
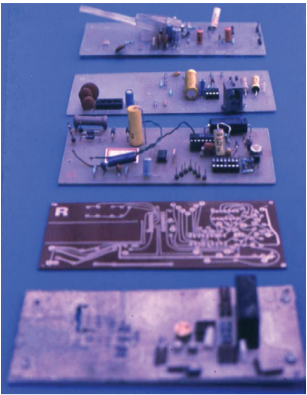


Simple Phone for C-Dot

A G Rao

C-Dot was an R &D company initiated by Dr. Sam Petroda! He had an ambitious plan for ‘Telecom revolution in India’. He was well established as a technologist and entrepreneur in U.S.A, with many patents to his credit in telecom sector! After several attempts, he got through to the then Prime Minister Smt. Indira Gandhi. His proposal was telecom technology development in 36 months with a budget of 36Crores. He said, ‘Give me this budget and in 3years, I will transform telecom sector with Indian Talent’. The project was sanctioned. Later Rajiv Gandhi also fully supported the venture. C.DOT was a

R & D company with innovative ideas in telephone exchange specially suitable to rural sector in India. When we indicated solutions in that direction, Dr.Pitke simply ruled out such approach. He said, “ We are looking at Future! Electronic locks can be used with ease, to prevent unauthorized calls.” He added, ‘ Simple phone will be the simplest possible digital telephone which can be used for all purposes. Two more, a STD phone and an Executive phone also needs to be designed. STD phones will be used in pan-shops etc., as a service phone. Executive phones will have multiple functions like call forward, re-dial,teleconference, etc.,”

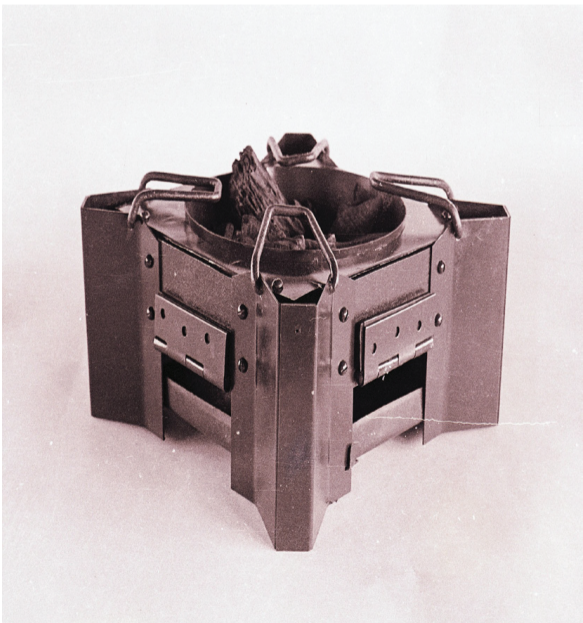


“Tryst with Destiny” Education Ministry’s Pavilion at Asia 72

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 Tarde Fair tremed 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. Vaccum formed plastice 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



Coal Chula

A G Rao, B S Jagdish, M S G Rajan

Portable coal stove (chula)is traditionally made with a bucket and thick cement or mud insulation. A competition announced by Coal india proveded and desiigners to go into the basics of the problem thedesign arrived at, is for semi-urban use. Air gap between the outside asbestos insulation and fire pot in introduced which acts as a light weght insulator and also supplies hot air the fire pot, has several holes to supply air evenly

through out the coal to aviod smoke formation. the ashes can be cleaned easily as the whole bottom plate is hingedon one side two ducts help in getting controlled burning. the heght of the ‘chula’ is kept low to increase stablity. The unit can be made by a small industry with very little skills