

ANNEXURE II

SEPT 1984

DR CHALAVADI VENKATA SUBBA RATHNAM

Brief Bio-data

Dr C V S Ratnam, Managing Director, Dr. C.V.S.Ratnam and Associates (P) Ltd., an industry, technology and management consultancy firm, Hon. PROF., INDIAN INSTITUTE OF MANAGEMENT, BANGALORE, AND A UN CONSULTANT was until recently Adviser on Science and Technology Policy. United Nations ESCAP Regional Centre for Technology Transfer (RCTT), Bangalore India. He is an eminent Chemical Engineer with experience in research and development, industry, technology development and technology transfer and management. He was in RCTT from July 1977 to January 1984. Prior to his joining RCTT, Dr Ratnam, was for over 8 years, Managing Director of National Research and Development Corporation of India, New Delhi (NRDC) a Govt. of India enterprise involved in development and transfer of technology. Earlier, he worked as Superintendent (Chemicals), Neyveli Lignite Corporation in which position he was the Chief of their Fertiliser Plant, Briquetting and Carbonisation Plant, Clay Washing Plant and Central Laboratory at Neyveli.

Dr Ratnam had a brilliant academic career. He studied B.Sc (Hons.) in Andhra University taking chemistry as the main subject. Afterwards, he obtained a Certificate in Chemical Engineering from the Indian Institute of Science, Bangalore. Thereafter, he studied in USA

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development and transfer of many technologies in India and abroad. In the U.S. he was involved in promoting development of science and technology and technology transfer and self-reliance in developing countries of the ESCAP region, comprising over 40 countries in Asia and the Pacific.

Dr Ratnam has presented papers at numerous national and international conferences, seminars and workshops on briquetting and carbonisation of fuels, reduction of iron ores, fertilisers, clays, tar products, SET policy, development and transfer of technology, management of R and D, establishment of industrial units, licensing of know-how, Technical Co-operation among Developing Countries (TADC), etc.

He has published over 150 papers.

In 1963, Dr Ratnam was recipient, from the Institute of Engineers (India), the Railway Board Gold Medal for his paper "Utilisation of noncoking coals for iron and steel industry". For his outstanding work in the fields of chemical engineering and fuels technology, the University of North Dakota, his alma mater in USA, conferred on Dr.Ratnam in 1969, the distinguished Alumni Award called the SIOUX AWARD.

Dr Ratnam is a member of many learned societies and held high offices in them. He has been member of several committees constituted by Government and other organisations.

and obtained MS Degree in Chemical Engineering and Ph.D. Degree in Fuels Technology and Chemical Engineering. His thesis for Ph.D. Degree was about the utilisation of lignite for the reduction of iron ores, a topic of current interest. In U.S.A., he studied personnel management.

Dr Ratnam has been continuously engaged for over 33 years in research and development, technology development and transfer, and planning, establishment, operation and maintenance of industrial units - large, medium and small. He has managed a variety of systems involving diverse technologies, large number of people and complex problems. "LECO" a domestic fuel is an outstanding example of his successful applied research. This product was developed through successive stages of laboratory, pilot plant and commercial plant and is now a well established commercial product. Dr Ratnam also worked on fly ash utilisation, production of road binders and paraffin wax from lignite tar, utilisation of clays, iron ores and sponge iron, production of fertilisers from coal, disinfectants, plastics, resins and catechol from multivalent phenols, utilisation of charfinics and Winkler dust in the manufacture of activated carbons etc. During the seventies, as Managing Director of NRDC of India, Dr Ratnam was intimately connected with

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ANNEXURE B

DR CHALUNDAI VENKATA SUBBA RATNAM

Brief Bio-data

Dr C V S Ratnam, Managing Director, Dr. C.V.S.Ratnam and Associates (P) Ltd., an industry, technology and management consultancy firm, Hon. PROF., INDIAN INSTITUTE OF MANAGEMENT, BANGALORE, AND A UN CONSULTANT was until recently Adviser on Science and Technology Policy. United Nations ESCAP Regional Centre for Technology Transfer (RCTT), Bangalore India. He is an eminent Chemical Engineer with experience in research and development, industry, technology development and technology transfer and management. He was in RCTT from July 1977 to January 1984. Prior to his joining RCTT, Dr Ratnam, was for over 8 years, Managing Director of National Research and Development Corporation of India, New Delhi (NRDC) a Govt. of India enterprise involved in development and transfer of technology. Earlier, he worked as Superintendent (Chemicals), Maywell Lignite Corporation in which position he was the Chief of their Fertiliser Plant, Briquetting and Carbonisation Plant, Clay Washing Plant and Central Laboratory at Maywell.

Dr Ratnam had a brilliant academic career. He studied B.Sc (Hons.) in Andhra University taking Chemistry as the main subject. Afterwards, he obtained a Certificate in Chemical Engineering from the Indian Institute of Science, Bangalore. Thereafter, he studied in USA