

Preface 1  
Organiser 3  
Programme 5

Inaugural Session 11

Session I

National Technology Development and Transfer Structure 15

The structure of technology transfer in Germany

Dr. R. J. Peters, VDI- TZ, Düsseldorf 17

Indian technology development and transfer structure

Y. S. Rajan, TIFAC, India 33

Session II

Mechanism and instruments of technology transfer from domestic and external sources 37

Mechanism and instruments of technology transfer from domestic & external sources

Dr. G. Huttel, Siemens AG, Bombay 39

Transfer of Technology to India in the pharmaceutical sector

Dr. W. Badziong, Hoechst India, Ltd., Bombay 41

Technology transfer in Germany -as shown in the economic region of Aachen

V. Hepple, Chamber of Commerce, Aachen 47

Intellectual property rights as a means to attain technological competitiveness

S. K. Bijlani, MOI Engineering Ltd., Mohali, India 53

India: The emerging economic force

V. Raghuraman, ASSOCHAM, India 59

Mechanism and instruments of technology transfer

H. R. Bhojwani, CSIR, India 61

### Session III (part 1)

Philosophy, strategy and experience of technology transfer: the vendors' viewpoint 77

Science and technology transfer

Prof. Dr. Ing. R. Theenhaus, Jülich 79

Technology transfer by Fraunhofer

Dr. R. E. Beyer, FHG-IL T, Aachen 85

Philosophy, strategy and experience in technology transfer -the case of ZENIT

Dipl.-Kfm. P. Wolfmeyer, ZENIT, Mülheim 97

How to bring a technology to the market?! Laser technology -strategy of the VDI technology centre (VDI- TZ) in organizing the technology transfer

Dipl.-Soz. K.-D. Nowitzki, Düsseldorf 103

From business innovation centres to technoparks -managing the technology transfer process

Dr. R. Döhl-Oelze, W-tec, Wuppertal 105

Technical rules and standards -a useful tool for know-how and experience transfer

Dr. F. W. Morell, VDI, Düsseldorf 115

### Session III (part 11) 119

Contrasting modes of technology transfer in leather sector

K. V. Raghavan, CLRI, Madras 121

Experiences of SJCE-STEP's S&T entrepreneurs park

M. H. Dhananjaya, Directorate of technical education, Mysore 123

Interaction between industry and academic institutions -the FITT experience

A. K. Sengupta, FITT , New Delhi 127

Experience of technology transfer: NRDC overview

N. K. Sharma, NRDC, India 131

Technology transfer -philosophy, strategy and experience: APTICO's viewpoint

S. Srinivasa Rao, APTICO, Hyderabad 133

Technology transfer in the nuclear sector

H. Razdan, Bhabha Atomic Research Centre, Bombay 137

### Session IV

Industry's experience of dealing with technology developing/transfer institutions 139

Some ideas how to overcome the weakness of technology transfer

Prof. Dr. Ing. G. Sepold, BIAS, Bremen 140

Advanced technologies moving into small and medium sized companies

Dr. J. Baibach, LaserProdukt GmbH, Alfeld 149

Experiences of industries with technology transfer -institutions in the Aachen region

V. Hepple. Chamber of Commerce, Aachen 161

Technology transfer in building & building materials sector

S. C. Rastogi. NCB. New Delhi 169

Energy conservation in industry

G. K. Sarin, Encon Thermal EnQineers, New Delhi 171

Choice of technology for endigenous development -role and experience of the DSM group

G. Goel, DSM, New Delhi 173

Concluding panel discussions

Technology transfer alliances -role of bilateral and multilateral co- operation 177

Presse-Erklärung 183

Press release 187