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References: '1984-2021' Publication List on 'Technology for Development' Activities

- [1] Sharif, M.N.; Lead Consultant for Fortieth Commission Session Theme Topic Desk Study: *Technology for Development*, United Nations Economic and Social Commission for Asia and the Pacific (UN-ESCAP), Tokyo, 17-27 April 1984.
- [2] Sharif, M.N.; Edited Translation and Publication, *Industrial Research in Less Developed Countries* (original in Korean language by Choi, H.S.), UN-ESCAP, Regional Center for Technology Transfer (RCTT), Bangalore, 1984.
- [3] Sharif, M.N.; Edited Translation and Publication, *Starting from Zero: Transformation of Japan by Science and Technology* (original in Japanese language by Nakayama, T.), UN-ESCAP, Asian and Pacific Center for Transfer of Technology (APCTT), Bangalore, 1985.
- [4] Sharif, M.N. (Editor); "Measurement of Technology for National Development", Technological Forecasting & Social Change, Vol.29, No.2, pp.119-171, 1986.
- [5] Sharif, M.N.; *Technology Policy Formulation and Planning: A Reference Manual*, UN-ESCAP, Asian and Pacific Center for Transfer of Technology (APCTT), Bangalore, 1986.
- [6] Sharif, M.N.; "Technological Considerations for National Planning", Technological Forecasting & Social Change, Vol.30, No.4, pp.361-382, 1986.
- [7] Sharif, M.N.; Direction, Editing and Publication, *Technology Policies and Planning: Country Studies* Australia, Bangladesh, China, India, Indonesia, Japan, South Korea, Malaysia, Nepal, Pakistan, Papua New Guinea, Philippines, Singapore, Sri Lanka, Thailand and Vietnam, UN-ESCAP, Asian and Pacific Center for Transfer of Technology (APCTT), Bangalore, 1987.
- [8] Sharif, M.N.; (a) "Problems, Issues and Strategies for S&T Policy Analysis", *Science and Public Policy*, Vol.15, No.4, pp.195-216, 1988; and (b) "Basis for Techno-Economic Policy Analysis", *Science and Public Policy*, Vol.15, No.4, pp.217-229, 1988.
- [9] Sharif, M.N. (Editor); *Technology Policy and Planning: A Regional Report,* UN-ESCAP, Asian and Pacific Center for Transfer of Technology, Bangalore, 1988. [10] Sharif, M.N.; Director and Project Team Leader, Technology Atlas Project Reports on: *A Framework for Technology Based Development Planning*, (Volume
 - 1 An overview of the Framework; Volume 2 Technology Content Assessment; Volume 3 Technology Climate Assessment; Volume 4 Technology Status Assessment; Volume 5 Technology Capability Assessment; and Volume 6 Technology Needs Assessment), UN-ESCAP, Bangkok, 1989.
- - Science, Technology and the Environment, Malaysia, Kuala Lumpur, 1990.
- [13] Sharif, M.N.; Lead Consultant, UNDP/UNESCO Project Reports, (Sixteen Volumes) *Science and Technology Management Information System*, Jakarta, 1991-93. [14] Sharif, M.N.; Team Leader, Asian Development Bank Technical Assistance Project Report, *Study of Technology Transfer and Development in Developing*
- Member Countries (Bangladesh; China; Pakistan; Philippines), "Exploring the Role of Technological Considerations in the ADB Projects", ADB, 1993.
- [15] Sharif, M.N.; *Gainex Program: Dynamic Technological Initiatives for Energizing Agro-Industrial Export Winners*, DOST-UNDP Project Report, Department of Science and Technology, Government of Malaysia, Manila, 1995.
- [16] Smith, R. and Sharif, M.N.; "Understanding and Acquiring Technology Assets for Global Competition", *Technovation*, Vol.27, No.11, pp. 643-649, 2007.
- [17] Sharif, M.N.; "Technology Assets for Global Competition," Chapter 12 (pp. 185-214) in *Commercialization and Transfer of Technology: Major Country Case Studies*, Almas Heshmati, Young-Bock Sohn and Young-Roak Kim (Editors), NOVA Science Publishers, New York, 2007.
- [18] Sharif, M.N; From My Perspective: "Technological Innovation Governance for Winning the Future", Technological Forecasting and Social Change, Vol.79, pp. 595-604, 2012.
- [19] Sharif, M.N.; (a) *Technological Innovation Management for Wealth Creation*, Book by CIIT, Islamabad, 2008; (b) *Technological Innovation for Winning the Future*, Book by CIIT, Islamabad, 2011; (c) *Technological Innovation Driven Sustainable Development*, Book by CUI, Islamabad, 2021.
- [20] Sharif, M.N; From My Perspective: "Industrial Technology Innovation Management for Sustained Prosperity: True Stories Revealing the Complexity of Replicating South Korean Success", Technological Forecasting and Social Change, Vol.167, pp. 1-10, 2021.