Acknowledgement

I would like to express my sincere gratitude to Professor V.V. Krishna for his invaluable guidance, positive criticisms and encouragement during the entire course of this PhD. For the last five years, numerous inspiring discussions with him have significantly shaped the present work. His insightful comments on Indian and Chinese innovation system help me to structure this thesis. He taught me many other interesting and valuable lessons during this research. He was always inspiring, took care of me, and gave me support academically or even personally. It is a great privilege and honor for me to work with him.

I would like to thank all faculty member of CSSP. Prof. Pranav N. Desai, Dr. Madhav Gobind, Dr. Saradindu Bhaduri, Dr. Rohan De Souza were very cordial in many numerous occasions. During my course works, they taught me the whole gamut of Science Technology Studies. I learnt a lot from Dr. Sujit Bhattacharya particularly about the data collection, quantitative techniques during his brief stay in JNU as a visiting professor.

Thank is a very small word to express my gratefulness for Pradosh Nath. He was always accessible for any kind of problems. I owe a lot to Prof. Deepak Kumar, ZHCES for his inspiration, Dr. Partha Banerjee, director NISTADS for his helpful comments in many numerous occasions.

Dr. Anup Kumar Das Documentation Officer is a friend, helped me in many ways. I would like to thank all CSSP staffs Mr. Mathur, Ms. Meena, Mr. Anil and Mr. Gopal

All my CSSP research colleagues, Aviram, Shashikant, Manonithya, Amita, Kunal, Saikia, Renny, Amit, Supriya, Punam, Manish, Pravin, Hemant altogether made my CSSP days memorable. CSSP seniors Pritpal, Mahesh, Nimesh, Rajbeer, and Sanjay were very helpful in the initial years. CSSP juniors Deep, Nimita, Anita, Sohan, Arvind, Vineet were very cordial. Ardhendu, Bhopal, Pratap, Swarup, Roma, Aksad, Zahid always cheered me from a far.

Indian Council for Social Science Research, (ICSSR) provided full financial support for data collection in Peoples Republic of China (PRC). Without this financial grant it was impossible for me to finish this thesis. Special thanks are due to Mr. Whaid, Mr. Verma, Mr. Rawat and Mr. K.N. Jahangir.

Thanks are due to Suhail, Inam, Anwar, Bird (Panuwat), Dr. Javed Iqubal Saggu, Albert, Aswini Rao, Binod Singh, for memorable three months long stay in China during my field work.
Dr. Liu Li School of Humanities and Social Sciences, Tsinghua University, was very helpful for arranging my accommodation in Tsinghua University, Beijing. He was always open to anything I need during my stay in China. Dr. Linag Zheng, China Institute for Science and Technology Policy at Tsinghua University gave his valuable time in discussing all aspect of foreign R&D in China. He also helped me access to resources of Tsinghua University Library and the National Library of China. Dr. Linag along with his PhD student Lin took me to interview in Microsoft China and ZTE Corp. I learnt a lot and gained first-hand experience of foreign R&D in China. Xue Lan, Professor & Dean School of Public Policy & Management, Tsinghua University, spent some time with me in discussing my PhD project in spite of his busy schedule. I was highly benefitted with the discussion with Dr. Wen Ke, Institute of Policy & Management Chinese Academy of Sciences, Xiao Guangling, Professor, School of Humanities and Social Sciences, Tsinghua University, Dr. Ulrike Tagscherer, Institute of Policy and Management (IPM) Chinese Academy of Sciences.

I also like to give special thanks to scientists and R&D managers from different R&D units who spared their valuable time for my interview. Special thanks are due to Wang Song, Vice President Orange Labs, Beijing, Lin Xiaodong, BD Director, Beijing Business Centre, ZTE Corporation, Chen Hui, Director, ZTE Corporation, Kang Dae Hee, & Simon Jong, R&D group, SK Telecom (China) Holding CO. Ltd. Ping Luo Research Scientists HP Labs China, Michelle WEI, Program Manager, Open innovation office HP Labs China, Chen Zhang, Corporate Vice president & Managing Director, Beijing Yahoo! Global R&D, Henry Chen Director, Business Operations and Program Management, Beijing Yahoo! Global R&D, David Wu, Senior Product manager, Radio Network Solution, Ericsson (China) Communications Company Ltd. Rong Shang, Director of Communications & Public Affairs, Microsoft Asia-Pacific Research and Development Group, Mr. Xu Kun, Advance Micro Devices.

The scientists of different R&D labs from India deserve special thanks for their cooperation. Thanks are due to Dr. Manish Gupta, Dr. Ravi Kothari, Scientists IBM India Research Lab, Ms. Charu Mathur Communications Manager for IBM Research, India, Lomash Kumar, Software Engineer Adobe India, Ankhi Das, Director Public Policy Legal and Corporate affairs, Microsoft Corporation (India) Pvt. Ltd. Dr. Prith Banerjee, Senior Vice President, Research and Director, HP Labs, Dr. Prabhakar Raghavan, Chief Strategy Officer Executive Vice President and Head of Yahoo! Labs.
I would like to thank Globelics Academy to give me opportunity to participate in the workshop held in Tempere, Finland during 15th -26th May, 2011. It was an enriching experience to interact with Prof. Lundvll, Prof. Malerba, Prof. Muchie, Prof. Jorge Niosi, Prof. Djeflat, Prof. Godinho, Prof. Cossiolato, and Prof. Suze. My special thanks are due to Mika Raunio, Erkki Kaukonen, Mika Kautonen and Ari Kurlin for their hospitality during the Academy. Discussion with participants, particularly Nejla, Hanna, LalaChen, Jacky, Aaswin, Sravanti, Inna, Arevik, Mauricio, Nicholas, Pascal, Aline, William, Dessalegn, Raeyoon Kang, Sophia, Abi, Dan Zhou, Jose, Sungho, Teemu, Rodrigo, Mehdi, Amir, Flavio, Wong and Alejandro was very helpful. Most of them I met again in Globelics Conference in Argentina. I still cherish the memories of those days

Prof. Rajneesh Narula, University of Riding has given valuable insight to conceptualize the idea. I interact with him while he was in Delhi in March 2011 and got many new insights in this PhD project.

Mr. Prakash Chand, Mrs. Nishi, Mr. G. Mahesh and Mr. Suresh from NISCAIR were always extending their help in collecting patent and literature data form various numerous resources. Access to the whole CSIR consortium was always open to me because of their generous help.

It was more than a decade and half association with Mr. Samir Ray and Mrs. Vivian Ray. They are very patient in listing many of my problems. I am grateful to them.

Finally, I thank my in-laws for their constant support, patience and encouragement while I was struggling with this research. Thank you all for your love.

There are many others who have supported me beside the important sides of the thesis. I am grateful to them and their contribution will be remembered by me.

Swapan Kumar Patra