

Dr. Iffat Batool Naqvi
iffat.naqvi@faculty.muett.edu.pk
Cell: 03033077615/03332656487

Nationality: Pakistan

Research Area: Industrial Clusters, GVCs, Regional & National Innovation System in Developing Countries

Associate Editor: Humanities and Social Sciences Communications

Education

PhD -Social and Economic Sciences, (2013-2017)

Vienna University of Business and Economics, Austria

Dissertation: “upgradation of industrial cluster firms in GPNs through the support of regional and national innovation systems”.

Supervisor: Prof. Franz Toedtling

Score: Excellent grade in Doctoral Defense

MSc - Science & Technology Policy, (2003-2004)

SPRU, University of Sussex, Brighton, U.K. (65%)

Dissertation: “Learning from software failures: a risk assessment of complex software systems”.

Supervisor: Prof. Micheal Hobday

Score: Excellent

MSc -Computer Science, 1997

Islamia University Bahawalpur, Pakistan.

Score: (CGPA 3.51, 72.08%)

BSc - Double Mathematics and Physics, 1995

Govt. Degree Collage for Women Bahawalpur, Pakistan.

Score: (79.00 %, A Grade)

FSc (Pre-Engineering), 1992

Govt. Degree Collage for Women, Bahawalpur, Pakistan.

Score: (72.00 %, A Grade)

Matriculation (Science), 1990

Govt Girls High School, Satellite Town Bahawalpur, Pakistan.

Score: (85.29%, + A Grade)

Fellowship & Awards

- INSGA Research Associate 2019, with a Grant of Euro15,000/- awarded by International Network for Government science Award (INGSA) New Zealand and International science Council.
- Higher Education Commission (HEC) Scholarship towards Doctoral Degree from WU, Austria.
- UNESCO Fellow 2007 , fellowships Programme in Support of Priority Programme Area (2006-2007) for Developing countries to conduct three months research (April-June 2007) at SPRU, University of Sussex, Brighton, UK.

- Ministry of Education, Government of Pakistan scholarship towards MSc, University of Sussex, UK.
- Gold Medal and Merit Certificate for First position in F.Sc. Pre-Engineering, Bahawalpur Board of Intermediate and Secondary Education, Punjab.

Work Experience

Associate Professor,

Institute of Science, Technology & Development (MUISTD),
Mehran University of Engineering and Technology, Jamshoro, Pakistan.
May 31, 2022 to till date

Assistant Professor,

Institute of Science, Technology & Development (MUISTD),
Mehran University of Engineering and Technology, Jamshoro, Pakistan.
April 16, 2007 to May 30, 2022

Lecturer

Institute of Science & Technology Development,
Mehran University of Engineering and Technology, Jamshoro, Pakistan.
May 21, 2003 - April 16, 2007

Lecturer

Department of Commerce
Bahauddin Zakariaya University (BZU), Multan, Pakistan.
July 25, 2000 - August 10, 2002

Lecturer

Department of Computer Science,
Islamia University Bahawalpur (IUB), Pakistan
February 1999 - June 2000

Computer Resource Person

Convent Dominican School, Model Town Bahawalpur, Pakistan.
November 1998 - March 2000

Lecturer

National Collage of Computer Science, Boston Road, Multan, Pakistan.
May 1998 - August 1998

Schools/Training Attended

- **GOLELICS** Academy - Ph.D. –School on Innovation and Economic Development, University of Tampere, June 1–12, 2015, Tampere, Finland.

- Teaching and Guided Study Program (**TAGS**), Science Policy Research Unit, University of Sussex, financed by UNESCO, April -June 2007, Brighton, UK.
- **GRIPS**, Tokyo – Fifteen days policy training financed by INGSA Research Associate 2019, Dec 19, 2019 – Jan 5, 2020, Tokyo, Japan.

Research Grant Achieved

- Organize One Day Workshop, **ICT-Public Policy: Bridging the gap among academia, Industry and Government**, Saturday September 16, 2006, @Mehran University Institute of Science, Technology and Development. Received funding of **Rs.1,50,000/-** only by Higher Education Commission Pakistan.
- Organizing First International Training Workshop, **Industrial Clusters and Regional Development – Fostering Research and Development** in Sindh, November 22-23, 2018 @Mehran University Institute of Science, Technology and Development. Received funding of **Rs. 5,62,500/-** only from Higher Education Commission (HEC) and **Rs.2,00,000** only from Jamshoro Chamber of Commerce and Industry.
- Organize Second International Training Workshop, **Industrial Clusters and Regional Development – Fostering Research and Development** in Sindh, March 5-6, 2019 @Mehran University Institute of Science, Technology and Development. Received funding of Rs. 3,52,000/- only from Higher Education Commission (HEC)
- INGSA Research Associate 2019, Grant of **Euro15,000/-** for a selected research project titled “Agglomeration of Industrial Firms and Regional Development in Sindh: An inquiry for the Regional Industrial Cluster Policy of Pakistan” only from International Network for Government Science Advie (INGSA), New Zealand and International Science Council (ISC)

Publications

Naqvi, I. B. (2011), National innovation system in a least developing country: The case of Pakistan, *International Journal of Technology Policy and Management*, Volume 11, No. 2, pp. 139 – 154. DOI: 10.1504/IJTPM.2011.040402. Online available at: <https://www.inderscience.com/offer.php?id=40402>

Mangrio, W. B., Bhutto, A. and Naqvi, I. B. (2013), Contribution of Science and Technology Parks Towards Firms’ Performance in Pakistan”, *Mehran University Research Journal of Engineering and Technology*, Volume 32, No. 3, pp.391-400. Available online at: http://publications.muuet.edu.pk/article_detail_abstract.php?p_id=787

Abro, Q., Memon, Z. A., Shah, A. A. and Naqvi, I. B. (2017), Antecedents of Enterprise Resource Planning and its Impact on Firm Performance with Supply Chain Integration as Mediating factor, *Mehran University Research Journal of Engineering and Technology*, Volume: 36, No. 2, pp.407-418.

[pISSN: 0254-7821, e-ISSN: 2413-7219]. Available online at: http://publications.muuet.edu.pk/article_detail_abstract.php?p_id=1502

Ali, A., Memon, Z. A. and Naqvi, I. B. (2017), Synthesizing corporate social responsibility concepts and its impact on building soft image for firms: A review of relevant hypotheses, *NICE Research Journal*, Volume 10, No. 17. Available online at:
<http://nicerjss.newports.edu.pk/index.php/nicerjss/article/view/124>

Kalhor, M., Naqvi, I. B., Memon, Z. A., Jamali, N. M., Kalhor, S. And Kalhor, S. A. (2017) The Community Perception of CSR: A Case Study of Oil and Gas Industrial Clusters of District Dadu, Sindh, Pakistan, *Lasbela, U. J.Sci.Techl.*, Volume: 6, pp.303-308. Available online at:
<https://www.lujst.com/>

Riaz, A., Ayyoub, M. And Naqvi, I. B. (2017) Bank-Specific Factors and Risk Management Practices: Evidence from the Islamic Banking Industry of Pakistan and GCC Countries, *Lasbela, U. J.Sci.Techl.*, Volume: 6, pp.309-316. Available online at:
<https://www.lujst.com/>

Lashari, J. H., Bhutto, A., Abro, Q. M. A., Memon, Z. A. and Naqvi, I. B. (2018) "Examining Knowledge Transfer Channels for Development of Environment Sector in Sindh", *Mehran University Research Journal of Engineering & Technology*, Volume 36, No. 2, April. [pISSN: 0254-7821, e-ISSN: 2413-7219]. Available online at:
<http://publications.muett.edu.pk/index.php/muetri/article/view/212>

Naqvi, I. B. and Memon, Z. (2018) Upgrading of Developing Countries Industrial Clusters' Firms: Conceptual-Theoretical Framework, *International Journal of Knowledge Based Development*, Volume: 9, No. 4, pp.420-440. DOI: [10.1504/IJKBD.2018.096423](https://doi.org/10.1504/IJKBD.2018.096423) Available online at:
<https://www.inderscience.com/info/inarticle.php?jcode=ijkbd&year=2018&vol=9&issue=4>

Memon, Z., Naqvi, I. B., Khattak, M.A. O. and Memon, M. R. (2019) Corporate Social Responsibility Practices in Pakistan: Insight from Literature and Policy, *International Journal of Technology Management & Sustainable Development*, Volume: 18, No. 2, pp. 147-174. DOI: 10.1386/tmsd_0003_1.

Kazi, M. A., Mangi, J., Naqvi, I. B., Bawany, S. And Ahmed, I. (2020) Prevalence of Vitamin D among Women of North Nazimabad, Karachi, Pakistan Suffering from Osteopenia, *SindhUniv. Res. Jour. (Sci. Ser.)* Volume: 52, No. 2, pp. 161-164.
<https://sujo.usindh.edu.pk/index.php/SURJ/article/view/1991/1669>

Panhwar, G., Naqvi, I. B., Khaskheli, M. And Rashdi, R. (2020) An Exploration of the Downfall of Jute Industry with Perspective of Knowledge Management: A Case Study of Sindh, Pakistan, *American Based Research Journal*, Volume:09, pp. 24-34.

Khaskheli, M. K., Shamsi, A. F., Channar, S. and Naqvi, I. B. (2020) Unheard Voice of a Talented Woman Subject to double Discrimination: Narrative of Woanhood with Physical Constraints and her Unique Learning Experiences, *International Journal of Psychological Rehabilitation*, Volume: 24, Issue: 06pp. 10965-10973
<https://www.psychosocial.com/article-category/issue-6/>

Naqvi, I. B., Memon, Z. and Mangrio, W. B. (2021) From SUPPLIERS to NODES in Global Value Chain: An Upgradation of the ICT Cluster of Pakistan through Regional and National innovation

systems. *African Journal of Science, Technology, Innovation and Development*. Volume: Issue: , Pp. 495-508 Published online: April 15, 2021
<https://www.tandfonline.com/eprint/S7QUY3NHAFVFURWQY5ZN/full?target=10.1080/20421338.2020.1838143>

Memon, R. A., Lohana, K. and Naqvi, I. B. (2021) Gender Pay Gap in Textile Industrial Cluster Kotri, Sindh, Pakistan. *South Asian Journal of Social Science and Humanities*, Volume:02, Issue:02, pp. 86-100.

<https://sajsh.com/journal/current>

Naqvi, I. B., Khaskhely, M., Tooba, Khan, S. (2021) Decline of Jute Industry in Pakistan: A Analysis through Historical Perspective and a Future Direction, *Journal of Historical Studies*, Volume:07, Issue:02 pp. 19-35 <https://jhs.bzu.edu.pk/journal-papers.php?journalid=15>

Naqvi, I. B., Khaskhely, M. And Memon, Z. A. (2021) A Quest for the Indicators for Profitable and Sustainable Industrial Clusters in Developing Countries – A Case of Pakistan Industrial Sector, *Pakistan Journal of Humanities and Social Science Research*, Volume: 04, Issue: 02, pp. 110-134. DOI: <https://doi.org/10.37605/pjhssr.v4i2.187>

Naqvi, I. B., Fatima, U., Mangrio, W. B., and Khaskhely, M. (2021) Gap between Science and Society: an Evidence from Societal Myths about Covid-19, *Journal of Public Health Policy*, (Submitted)

Naqvi, I. B., Khaskheli, A., Khaskhely, M. And Mangrio, W. B. (2021) An Analysis of Cotton Value Chain of Sindh Province: An Effort for Textile Industrial Cluster Development, *Journal of Applied and Emerging Sciences*, December 31, Volume: 11, Issue:02, pp. 174-184.

Naqvi, I. B., Khaskheli, A., Khaskhely, M. And Mangrio, W. B. (2021) An Exploration into Wooden Furniture Industry through the theoretical Lense of Porter's Cluster-A Case Study of Khairpur Mirs, *Journal of Social Science & Humanities*, December 31, Volume: 60, Issue:02, pp. 91-111.

Conferences

- Paper titled "Complex Software Systems- An assessment of risks" presented in *The 1st International Conference on Information and Communication Technology (ICICT)* held on **August 27-28, 2005** IBA, Karachi, Pakistan (<http://www.iba.edu.pk/ICICT2005>).
- Paper Titled " Implementing E-Government in Pakistan – Risk assessment with a perspective of IT policy" presented in *The 3rd International Conference on E-Governance (ICEG)* held on **December 9-12, 2005** Lahore University of Management Sciences, Pakistan (<http://web.lums.edu.pk/ICEG2005>)

- Paper titled “ICT Development In Pakistan – Lessons From The Progress Of South Korea In The Context Of IT Policy” presented in ICT Development In Pakistan – Lessons From The Progress Of South Korea In The Context Of IT Policy held on **December 28-29 2005** Islamabad Pakistan. <http://Suraj.lums.edu.pk/fit>).
- Paper titled “From Supplier to Node: An Up-gradation of the ICT Clusters in Pakistan through Sectoral, Regional & National Innovation System” at *The 10th International Ph.D. School on Innovation and Economic Development, GLOBELICS Academy* held on **June 1-12 2015** Tampere, Finland.
- Paper titled “Frames of Science, Technology and Innovation Policy of Pakistan: An exploration of the past and future research dimensions“ presented at Conference on *Building Innovative Pakistan-through Science, Technology and Innovation Policies*, South Asian Triple Helix Association (SATHA) held on **Feb 16, 2019**, Quaid-e-Azam University, Islamabad.
- Paper titles titled “Regional Industrial Cluster Policy of Pakistan: An Evidence Based Proposal” at workshop *Using Scientific Evidence for Maximizing Benefits of CPEC*, on **November 05 2019** RIMMS NUST, Islamabad.

PhD Research Supervision:

- Maryam Kalhoro (2016) – “CSR in Oil and Gas Industrial Cluster: a mechanism of transition from stagnation to growth”, PhD (Management Science)– In progress
- Zubair Buriro (2016) – “Freelancing to Entrepreneurship: Institutionalization of Employment Generation Trajectory in the ICT sector of Pakistan”, PhD (Management Science) – In progress

MS Research Supervised:

- Wahid Buksh Mangrio (2009), “Role of Science and Technology Parks in Establishing University – Industry Linkages in Pakistan: Case Study of Software Technology Parks of Islamabad”, Master of Science (Science and Technology Policy), December.
- Waqar Sathar (2009), “Turnover Intentions among IT Professionals: A case of Hyderabad.”, Master of Science (Science and Technology Policy), December.
- Tayyaba Ameen (2016), “An Investigation of Modern Production Process through RIS: a case of motorbike firms cluster in Hyderabad.”, MBA (Innovation and Entrepreneurship).
- Zeeshan Ali (2016), “Building Technological Capabilities and Firm`s Performance: A case study of solar renewable energy firms of Pakistan”, MBA (Finance).
- Atifa Memon (2016), “An Assessment of Employees Performance through Balance Scorecard from a Perspective of Learning and Growth: A Case Study of Hyderabad”, MBA (Finance).
- Ghazala Panhwar (2017), “ An Exploration of the Downfall of Jute Industry with the Perspective of Knowledge Management: A case study of Sindh, Pakistan.”, Master of Science (Human Resource Management).

- Mahjabeen Baloach (2017), “Skilled Human Resource Development for Probable Poverty Alleviation in the Dynamic Clusters: A Case of Six Business Sectors in Sindh labour can be a competitive advantage for Pakistan: A case of labour force of three universities of Jamshoro, Sindh”, Master of Science (Human Resource Management).
- Mohsin Baloach (2017), “ Regional Unemployment and Oil and Gas MNCs: an empirical study of human resource skills ”, Master of Science (Human Resource Management).
- Yasir Ali (2017), “ The Socio-Economic Impacts of Manchar Lake Degradation: Case Study of Fisherman Community.” MBA (Human Resource Management).
- Mahgull Khan (2018), “From Cotton Production (Sanghar) to Textile Industry (Kotri): An investigation of management problems in Cotton Value Chain (CVC).” MBA (Innovation and Entrepreneurship).
- Areesha (2018), “Sectoral innovation system of Pakistan: A case study of Oil & gas sector of Sindh, Pakistan”, MBA (Innovation and Entrepreneurship).
- Abid Ali (2018), “An Assessment of Opportunities and Challenges of rural Women Entrepreneurs: A case study of Taluka Johi, District Dadu, Sindh, Pakistan“, Master of Science (Human Resource Management)
- Arti Bai Lohana (2019), “ “Exploration of Awareness and Implementation of Social Sustainability Enablers in Textile Industry, MBA (Innovation & Entrepreneurship).
- Wardah Farzeen (2019), “Systematic Policy Evaluation of Incentive-Based Practices: a case of ST&I Policies (1993-2012) of Pakistn“, MS (Science Technology and Innovation Policy).
- Rizwan Memon (2020), “Wage Inequality with Gender Disparities (Disposition of Wo.men) in Textile Industries Kotri and Noriabad Sindh“, MS (Human Resource Management)
- Samia Arain (2020), “ “An investigation of the municipal management system: An in depth study of drainage public service in Hyderabad district “, MS (Human Resource Management)

MS Research Supervision (In Progress):

Naila Kabooro (2018)	“An Investigation of Declining Small Scale Businesses through the Lense of Eco-friendly Products for its Accessibility and acceptability to the end market Users of Sindh“, Master of Science (Human Resource Management)
Mahjabeen Panhwar (2019)	“A Comparative Performance Evaluation of the Organizational Employee Work Environmentthrough Occuptional Health and Safety Management System“, MBA (Innovation & Entrepreneurship)

Waqar Ahmad
(2020)

“An Assessment of the Technoloical Capabilities Solar firms of
Sindh for their entry into GVC“, MBA (Suppply Chain
Managment)

Referees

Prof. Dr. Franz Tödting
Professor (Ao.)
Institute for Multi-Level Governance and Development
Vienna University of Economics and Business
Welthandelsplatz 1, Building D4, A-1020 Vienna, Austria
Tel.: +43 1 31336 4781 (office) and +43 676 8213 4781 (mobile)
See us in the web: <http://www.wu-wien.ac.at/ruw>

Prof. Dr. Asif Ali Shah
Mehran University Institute of Science, Technology & Development (MUISTD)
Mehran University of engineering and Technology, Jamshoro, Pakistan.
Tel: 0092-22-2772250-73 Ext: 6713 Cell: 0092-333-2621622
Fax: 0092-22-2772432
Asif.Shah@faculty.muet.edu.pk
<http://www.muet.edu.pk/muistd>