**Personal Profile**

**of**

**Prof. Dr. Lal Mohan Baral**

**CURRENT STATUS**

Professor and Head

Department of Textile Engineering

Ahsanullah University of Science and Technology

141-142 Love Road, Tejgaon I/A, Dhaka-1208.

Bangladesh.

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**EDUCATION**

**Ph.D. in Engineering and Management** (2014)

“Lucian Blaga” University of Sibiu, Sibiu, Romania

**M.Sc. in Textile and Clothing Engineering** (2003)

Technical University of Dresden, Dresden, Germany

**B.Sc. in Textile Technology** (1995)

Bangladesh University of Textiles, Dhaka, Bangladesh

**PROFESSIONAL EXPERIENCES**

**Professor** (01 July 2017 – till date, Ahsanullah University of Science & Technology, Dhaka, Bangladesh)

**Associate Professor** (01 June 2008 – 30 June 2017, Ahsanullah University of Science & Technology, Dhaka, Bangladesh)

**Assistant Professor** (11 December 2004 - 31 May 2008, Ahsanullah University of Science & Technology, Dhaka, Bangladesh)

**Lecturer** (15 April 2004 - 10 December 2004, Ahsanullah University of Science & Technology, Dhaka, Bangladesh)

**Research and Development Manager** (20 October 2003 - 14 April 2004, N.A.Z Bangladesh Ltd. Dhaka, Bangladesh)

**Production and Quality Control Officer** (20 November 1997 - 13 March 2001, Padma Textile Mills Ltd., BEXIMCO group, Dhaka, Bangladesh).

**PUBLICATIONS**

**Peer reviewed Journals**

1. Kifor.,C.V., Tudor, N., **Baral, L.M**.,(2013).**Quality System for Production Software (QSPS): An innovative approach to improve the quality of production software**”. *International Journal of Software Engineering and Knowledge Engineering* *(IJSEKE)* (ISSN: 0218-1940, E-ISSN:1793-6403), World Scientific Publishing Co. Singapore.
2. **Baral, L.M.**, Kifor, C.V., Bondrea, I., Oprean, C., (2012). **Introducing Problem Based Learning (PBL) in Textile Engineering Education and Assessing its Influence on Six Sigma Project Implementation.** *International Journal of Quality Assurance in Engineering and Technology Education* (ISSN # 2155-496X), Vol.2, Issue No. 4 (page. 38-48), IGI Global publication, USA.
3. **Baral, L.M.,** (2011). **Feasibility Study of CAD and CAM Technology in Garments Industries of Bangladesh.** *The Journal of Advanced Material Research* (ISSN# 1022-6680), Volume: 264-265 (page: 1563-1567), Trans Tech Publication, Switzerland.
4. **Baral, L.M.**, (2010). **Comparative Study of Complaint & Non-Compliant RMG Factories in Bangladesh**. *International Journal of Engineering & Technology (IJET)* (ISSN# 2077-1185), Volume: 10, Issue No.:02 (Page 119-131), 2010. Pakistan.
5. Rahman, F. M., **Baral, L.M**., Khan, A. N, Mannan, A., (2009) “**Quality Management in Garments Industry of Bangladesh”.** *The Journal of Management of Sustainable Development**(MSD)*. (ISSN# 2066-9380), Volume: 01, Issue No.:02 (Page 29-35), LBUS, ROMANIA.

**Indexed Conference Publications**

1. **Baral, L.M.**, Khokon, R.A. (2014). **Evaluating the integrated performance of two CAD systems applied in garments manufacturing process**. Published in the proceedings of “The International Conference on Mechanical, Industrial and Energy Engineering 2014, which will be held on 26-27 December, 2014 at “KUET” Khulna, Bangladesh.

1. **Baral, L.M.**, Kifor, C.V., & Bondrea, I. (2014). **Assessing the Impact of DMAIC- Knowledge Management Methodology on Six Sigma Projects: An Evaluation through Participant’s Perception**. Published in the proceedings (published by Springer Lecture Notes in Artificial Intelligence, 8793) of *“ The 7th International Conference on Knowledge Science, Engineering and Management, KSEM 2014,*(Page.349-356),which is held on 16-18 October, 2014 at “Lucian Blaga” University of Sibiu, Romania.
2. Bogdan, C., **Baral, L.M.**, & Kifor, C.V. (2014). **Review of Knowledge Management Models for Implementation within Advanced Product Quality Planning**. Published in the proceedings (published by Springer Lecture Notes in Artificial Intelligence, 8793) of *“ The 7th International Conference on Knowledge Science, Engineering and Management, KSEM 2014,*(Page.338-348),which is held on 16-18 October, 2014 at “Lucian Blaga” University of Sibiu, Romania.
3. **Baral, L.M.**, & Kifor, C.V. (2013).**A Study on different approaches of six-sigma and knowledge management integrated models to identify the leveraging effects**. Published in the proceedings of the *“1st International Conference for Doctoral Students IPC- 2013”,* (Page.192-197), which is held on 22-23 November, 2013 at “Lucian Blaga” University of Sibiu, Romania.

1. Bogdan, C., **Baral, L.M.**, & Kifor, C.V. (2013).**Knowledge Management Platform in Advanced Product Quality Planning**. Published in the proceedings of the *“1st International Conference for Doctoral Students IPC- 2013”*, (Page.227-232), which is held on 22-23 November, 2013 at “Lucian Blaga” University of Sibiu, Romania.
2. **Baral, L.M.,** Kifor, C.V., Bondrea, I., Oprean, C., Oprean, L.,(2013**). Assessing Impact of Problem Based Learning (PBL) on Six Sigma Projects Associated with Textile Engineering Education.** Published in the proceedings of the IETEC’13 Conference, Ho Chi Minh City, Vietnam.
3. Kifor, C.V., **Baral, L.M**.,(2013). **An integrated DMAIC- Knowledge Management conceptual model for Six Sigma quality management.** Published in the proceedings of the “6th International Conference on Manufacturing Science and Education-MSE 2013” held in 12-15 June, 2013 at “Lucian Blaga” University of Sibiu, Romania, ISSN 1843-2522, page:7-14

iii. **Baral, L.M.**, Kifor, C.V., (2013). **Knowledge creation scope within Six Sigma project implemented in Textile Manufacturing**. Published in the proceedings of the “6th International Conference on Manufacturing Science and Education-MSE 2013” held in 12-15 June, 2013 at “Lucian Blaga” University of Sibiu, Romania, ISSN 1843-2522, page. 15-20.

iv. **Baral, L.M.**, Kifor, C.V., (2013). **A Study on different approach of six sigma and knowledge management integrated models to identify the leveraging effects**. Presented in the “International Student Contest on Management and Marketing 2013” held in 12-14 June, 2013 at “Lucian Blaga” University of Sibiu, Romania.

v. **Baral, L.M**., Kifor, S., (2013) .**A case study on the acceptance quality level (AQL) for woven garments quality inspection**. Published in the proceedings of the International Conference “Innovative solutions for sustainable development of textiles and leather industry” (ISSN- 1843-813X) (page: 66-71) which is held in May 24th -25th ‘2013 at University of ORADEA, ROMANIA.

vi. **Baral, L.M.**, Muhammad, R., Kifor, C.V., Bondrea, I. (2012) .**Evaluating the effectiveness of Problem-Based Learning(PBL) implemented in the textile engineering course- A case study on Ahsanullah University of Science and Technology, Bangladesh**. Published in the proceedings of the “International Conference on Engineering and Business Education, Innovation and Entrepreneurship” held in 18-21 October, 2012 at Lucian Blaga University of Sibiu, Romania, ISSN 1843-6730, ISBN 978-606-12-0369-7 page: 123-126

vii) Kifor, C.V., Crîngaşu, M., Lungu, A., **Baral, L.M**., (2012).**Research evaluation in engineering schools**. Published in the proceedings of the “International Conference on Engineering and Business Education, Innovation and Entrepreneurship” held in 18-21 October, 2012 at “Lucian Blaga” University of Sibiu, Romania, ISSN 1843-6730, ISBN 978-606-12-0369-7 page: 407-412.

viii) Rizwan, M., Fakharun, N., Muhammad A., Muhammad, R., **Baral, L.M.,** (2012). **Impact of Instructional Technology inclusions in course delivery for Engineering and Business Education.** Published in the proceedings of the “International Conference on Engineering and Business Education, Innovation and Entrepreneurship” held in 18-21 October, 2012 at “Lucian Blaga” University of Sibiu, Romania, ISSN 1843-6730, ISBN 978-606-12-0369-7 page:

ix) Islam, I., **Baral, L.M.**, (2011).**Study on range of fabric cost percentage against FOB price of knit garments**. Published in the proceedings of the International Conference “Innovative solutions for sustainable development of textiles industries”(ISSN- 1843813X) ( page:109-114) which is held in May 29th -30th ‘2011 at University of ORADEA, ROMANIA.

x) **Baral, L.M.**, Islam, I., (2010) .**Study on Value Addition in Knit Garments of Bangladesh and Price Analysis between Basic Style & Value Added Style**”. Published in the proceedings of 13th Annual paper meet of ME Division, IEB, Dhaka, which is held in 25th September 2010.

xi) **Baral, L.M.,** (2009). **Determination of the Clothing Comfort of Spacer Fabrics by Chimney Effect Model.** Published in the proceedings of the International Conference “Innovative solutions for sustainable development of textiles industries” (ISSN-1582-5590) (page:35-39) which is held on May 29th -30th ‘2009 at University of ORADEA, ROMANIA.

**EXTRACURRICULAR AND CO-CURRICULAR ACTIVITIES**

**Coordinator** of TUD-AUST-NDUB Project (January 2018- July 2019)

**Researcher** of Aalborg-AUST POHS Research Project (2014-2019)

**Key Note Speaker** in IEB Seminar on PBL (2016)

**Training Provider** on PBL Application in Textile Engineering Education (2015- to present)

**International Editorial Review Board Member** of International Journal of Quality Assurance in Engineering and Technology Education (IJQAETE) (http://www.igi-global.com/ijqaete).

**Scientific committee member** in the “International Conference on Engineering and Business Education, Innovation and Entrepreneurship” held in 18-21 October, 2012 at Lucian Blaga University of Sibiu, Romania.

**Organizing committee member** in the “International Conference on Engineering and Business Education, Innovation and Entrepreneurship” held in 18-21 October, 2012 at Lucian Blaga University of Sibiu, Romania.

**Organizing committee member** in the “1st International Conference for PhD student” will be held on 22-23 November, 2013 at Lucian Blaga University of Sibiu, Romania.

**Plenary Session resource persons** of “The 6th International Conference on Manufacturing Science and Education, MSE-2013” held in 12-15 June, 2013 at “Lucian Blaga” University of Sibiu, Romania,

**Chairperson of a technical session** in the “International Conference on Engineering and Business Education, Innovation and Entrepreneurship” held in 18-21 October, 2012 at “Lucian Blaga University of Sibiu, Romania.

**Co-chairperson of a technical session** in the “International Conference on Advances in Materials and Processing Technologies” AMPT 2009, held in 26-29 October, 2009 at The Legend Hotel, Kuala Lumpur, Malaysia which is organized by Faculty of Engineering, International Islamic University Malaysia.

 **Trainer** for semi-skilled garments worker on Computerized Assistance to Clothing Design and Fashion Management (CACDFM) jointly organized by East West University, Bangladesh, University Of Bremen, Germany and University of Manchester, UK.

**Visiting faculty** in the Department of Textile Technology, Lucian Blaga University of SIBIU, under Staff Mobility Program which is offered by Erasmus Mundus Mobility with Asia (EMMA) and financed by European Union.