

# Conference Schedule

**International Scientific Conference:**  
Sustainability of Global Garment Industry (ICSG2i 2019)

## Programme Schedule

<b>4<sup>th</sup> March 2019, Monday</b>		
<b>Time</b>	<b>Event</b>	<b>Venue</b>
8:00 am - 6:00 pm	Pre-conference Tour: Visit to DBL sites (Only for Registered Participants)	Jinnat Apparels Ltd., Kashimpur, Gazipur
<b>5<sup>th</sup> March 2019, Tuesday</b>		
<b>Time</b>	<b>Event</b>	<b>Venue</b>
8.00 am - 9.30 am	Guest Arrival & Registration	AUST Plaza
9.30 am - 11.15 am	Opening ceremony	Dr. M H Khan Auditorium, AUST
11.15 am - 11.45 am	Tea break	
11.45 am - 1.15 pm	<b>Keynote Speeches:</b> <b>Keynote 1 Session Chair: Dr. A.M.M. Safiullah</b> <b>Keynote – 1:</b> Improving Sustainability for Retailers, Brands, and Suppliers through BetterBuying™- by <b>Prof. Marsha Dickson</b> <b>Keynote 2 Session Chair: Prof. Peter Hasle, PhD</b> <b>Keynote – 2:</b> The Role of Market Forces in Corporate Responsible Sourcing – Lessons from Rana Plaza-by <b>Ass. Professor Brian Jacobs</b>	X* (VC Seminar room)
1.15 pm - 2.00 pm	Lunch	Dr. M H Khan Auditorium, AUST
2.00 pm - 3.30 pm	<i>Parallel Technical Sessions-1 (A,B &amp; C)</i>	X*, Y*, Z*
3.30 pm - 4.00 pm	Tea break	Dr. M H Khan Auditorium, AUST
4.00 pm - 5.30 pm	<i>Parallel Technical Sessions - 2(A,B &amp; C)</i>	X*, Y*, Z*
<b>6<sup>th</sup> March 2019, Wednesday</b>		
<b>Time</b>	<b>Event</b>	<b>Venue</b>
9.00 am - 9.30 am	Guest Arrival & Registration	AUST Plaza
9.30 am - 11.00 am	<b>Keynote Speeches:</b> <b>Keynote 3 Session Chair: Md. Sarwar Morshed</b> <b>Keynote – 3:</b> People Management for a Sustainable Apparel Sector-by <b>Prof. Vathsala Wickramasinghe</b> <b>Keynote 4 Session Chair: Prof. Dr. Abdur Rahim Mollah</b> <b>Keynote – 4:</b> Soft Barriers to Creating a Socially Sustainable Garment Industry-by <b>Prof. Jan Vang</b>	Dr. M H Khan Auditorium, AUST
11.00 am - 11.30 am	Tea break	
11.30 am - 1.00 pm	<i>Parallel Technical Sessions - 3(A,B &amp; C)</i>	X*, Y*, Z*
1.00 pm - 2.00 pm	Lunch	Dr. M H Khan Auditorium, AUST
2.00 pm - 3.30 pm	<i>Parallel Technical Sessions - 4(A,B &amp; C)</i>	X*, Y*, Z*

3.30 pm - 4.00 pm	Tea break	Dr. M H Khan Auditorium, AUST
4.00 pm - 5.30 pm	<i>Parallel Technical Sessions - 5(A,B &amp; C)</i>	X*, Y*, Z*
5.30 pm - 6.00 pm	Break	
6.00 pm - 7.00 pm	Cultural event	Dr. M H Khan Auditorium, AUST
7.00 pm - 8.30 pm	Conference dinner	
<b>7<sup>th</sup> March 2019, Thursday</b>		
Time	Event	Venue
9.00 am - 9.30 am	Arrival	AUST Plaza
9.30 am - 10.45 am	<b>Keynote Speeches:</b> <b>Keynote 5 Session Chair: Prof Jan Vang, PhD</b> <b>Keynote – 5:</b> University Shaping up Future Graduate for Sustainable Manufacturing in Textile & Fashion-by <b>Prof. Dr. Engr. Ayub Nabi Khan</b>	Dr. M H Khan Auditorium, AUST
	<b>Keynote 6 Session Chair: Malek Maalouf, PhD</b> <b>Keynote – 6:</b> Productivity Improvement RMG Industries of Bangladesh Through Reduction of Lean Wastes-by <b>Prof. Dr. Nikhil Ranjan Dhar</b>	
10.45 am - 11.00 am	Tea break	Dr. M H Khan Auditorium, AUST
11.00 am - 12.30 pm	<b>Round Table Panel Discussion:</b> <i>“Internationalization, Capability Upgrading and Sustainability of Bangladeshi Garments”</i>	Dr. M H Khan Auditorium, AUST
12.30 pm - 1.30 pm	Closing Ceremony	Dr. M H Khan Auditorium, AUST
1.30 pm - 2.30 pm	Lunch and Departure	Dr. M H Khan Auditorium, AUST

**Note:** Venue: X\*- VC Seminar Room, Y\*- Architecture Jury Room, Z\*- Room 8A03 (Block A)

#### Opening Ceremony

<b>5<sup>th</sup> March 2019, Tuesday</b>		
Time	Event	Venue
8.00 am	Arrival of conference participants and registration	Dr. M H Khan Auditorium, AUST
9.15 am	Arrival of Chief Guest and Guest of Honor.	
9.30 am	Recitation from the Holy Quran	
9.35 am	Welcome Address by Prof. Dr. Lal Mohan Baral, Conference Secretary	
9.45 am	Official inauguration by Chief Guest	
9.50 am	Address by Prof. Dr. Md. Amanullah, Project Leader ( AUST)	
9.55 am	Address by Prof. Dr. Peter Hasle, Project Leader ( AAU)	
10.00 am	Address by Special Guest , Prof. Dr. Kazi Shariful Alam, Pro Vice-Chancellor and Treasurer, AUST	
10.05 am	Address by Special Guest, Mr. Md. Siddiqur Rahman, President, BGMEA	
10.10 am	Address by Special Guest, Mr. Kazi Rafiqul Alam, Chairman, BOT, AUST	
10.15 am	Address by Guest of Honor, Her Excellency Ms. Winnie Estrup Petersen, Ambassador, Embassy of Denmark in Bangladesh	
10.25 am	Address by Chief Guest, Prof. Abdul Mannan, Chairman, University Grant Commission	
10.35 am	Certificates distribution among the intervened garment industries participated in the Aalbog-AUST research project.	
10.55 am	Address by Conference Chair, Prof. Dr. A. M. M. Safiullah, Vice-Chancellor, AUST	
<b>Refreshment</b>		

### Round Table Panel Discussions

**Theme: “Internationalization, Capability Upgrading and Sustainability of Bangladeshi Garments”**

<b>7<sup>th</sup> March 2019, Thursday</b>		
<b>Time</b>	<b>Participants</b>	<b>Venue</b>
11.00 am - 12.30 pm	Dr. Mohammad B. Rana, Associate Professor, Aalborg University, Denmark (Moderator)	Dr. M H Khan Auditorium, AUST
	Professor Peter Hasle, Leader of the Aalborg-AUST research project, Aalborg University.	
	Representative from Ministry of Commerce of Bangladesh Government	
	Prof. Rahim Box Talukder, Director, Centre for Enterprise Development, Brac University	
	Representative from Center for Policy Dialogue, Bangladesh	
	Representative from BGMEA	
	Country Manager, H&M Bangladesh	
	Country Manager, Bestseller Bangladesh	
	Representative from DBL Group Ltd.	
	Representative from GMS Group Ltd.	
Mr. Shafiqur Rahman, Managing Director, HAMS Group		

### Closing Ceremony

<b>7<sup>th</sup> March 2019, Thursday</b>		
<b>Time</b>	<b>Event</b>	<b>Venue</b>
12.30 pm - 1.30 pm	Introductory address by Prof. Dr. Md. Sarwar Morshed, Deputy Project Leader (AUST) and Convener of Scientific Committee	Dr. M H Khan Auditorium, AUST
	Address by Prof. Dr. Md. Amanullah, Project Leader ( AUST)	
	Address by Prof. Dr. Peter Hasle, Project Leader ( AAU)	
	Address by Special Guest, Prof. Dr. Kazi Shariful Alam, Pro Vice-Chancellor, AUST	
	Address by Chief Guest, Prof. Dr. M H Khan, Professor and Advisor, AUST	
	Address by Session Chair, Prof. Dr. A. M. M. Safiullah, Vice-Chancellor, AUST	
1:30 pm	Lunch	
<b>The End</b>		

### Parallel Technical Sessions 1 (A – C)

5<sup>th</sup> March 2019, Tuesday

<b>Parallel Technical Sessions 1A</b> <b>Theme:</b> <i>Corporate Social Responsibility and Labor Rights</i>		<b>Venue: X-</b> VC Seminar Room <b>Time:</b> 2.00 pm – 3.30 pm
<b>Chair: Ass. Prof. Brian Jacobs</b>		
<b>Co-Chair: Assoc. Prof. Dr. Mohammad B. Rana</b>		
Paper ID	Paper Title	Authors
10	Is Employment Injury Insurance the Missing Link In Bangladesh's Labour Standards?	Rebecca Prentice
12	Whither Transnational Private Labour Regulation in the Wake of Judicial Review? Whither Judicial Review in Light of Transnational Private Labour Regulation? - Lessons from High Court Rulings Against The Accord on Fire and Building Safety in Bangladesh	Johannes Norpoth
32	Building up a Sustainable Relationship Between Employee and Employer of the RMG (Readymade Garment) Sector of Bangladesh	Mohammad Faizur Rahman and Lal Mohan Baral
37	Minimum Wage Rate and Minimum Required to Live for RMG Workers in Bangladesh: Beyond the Two Minima	Samirah Mustafa and Md. Rafiqul Islam
44	Investigation of Corporate Social Responsibility Activities in the Ready Made Garment Industry of Bangladesh	Md. Mamun Hossain and Md. Amanullah

<b>Parallel Technical Sessions 1B</b> <b>Theme:</b> <i>Lean and Organizational Development</i>		<b>Venue:Y-</b> Architecture Jury Room <b>Time:</b> 2.00 pm – 3.30 pm
<b>Chair: Prof. Dr. A.K.M. Masud</b>		
<b>Co-Chair: Asst. Prof. Dr. Malek Maalouf</b>		
Paper ID	Paper Title	Authors
35	Facilitating The Creation of Synergies Between OHS and Productivity: The Implementation Sequence of Lean Tools	Malek Maalouf, Morshed Sarwar and Jan Vang
36	Challenges in Introducing Lean Production System in The RMG Industry In Bangladesh: A Lean Enabling Human Resource Management Perspective	Mohammad Latif and Mohammad Morshed
7	Sustainable Buyer-supplier Relationship Through Quality Control in Supplier's Factory: A Comparative Case Study in Bangladeshi Garment Industry	Imranul Hoque
9	A Case Study on the Improvement of Working System in a Garment Industry using 5S Methodology	Mohammad Noor Nabi, Musfiqur Rahman Sadiq and Engr. Khayrul Bashar

19	Impact of Top-management Commitment on Voice Behavior in Teams: Insights from Implementing Lean in the RMG in Bangladesh	Mohammad Abdul Latif and Jan Vang
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<b>Parallel Technical Sessions 1C</b> <b>Theme:</b> <i>Environmental Sustainability</i>		<b>Venue:</b> Z- Room 8A03 (Block A) <b>Time:</b> 2.00 pm – 3.30 pm
<b>Chair: Prof. Dr. Abdur Rouf</b>		
<b>Co-Chair: Prof. Dr. Mazharul Islam</b>		
Paper ID	Paper Title	Authors
8	Developing a Thermal Insulation Composite Material Using Waste Fabric	Amara Udayanga, Chathura Dananjaya and Pramila Gamage
22	Energy Efficient Compressed Air Solution for Textile Industry in Bangladesh	Ifrat Jahan Tisha
24	Sustainable Building Materials: Bangladesh Perspective	Tahzinul Islam, Mazharul Islam, Mohammad Akhter Hossain Sarkar and Mohammad Sarwar Morshed
26	Development of a Sustainable Pretreatment Process of Organic Cotton Knit Fabric Prior to Garment Dyeing Using Ecofriendly Raw Potato Juice.	Asma Begum, Sonia Hossain, Nahida Akter and Joyjit Ghosh

**Parallel Technical Sessions 2 (A – C)**  
5<sup>th</sup> March 2019, Tuesday

<b>Parallel Technical Sessions 2A</b> <b>Theme:</b> <i>Corporate Social Responsibility and Labor Rights</i>		<b>Venue:</b> X - VC Seminar Room <b>Time:</b> 4.00 pm – 5.30 pm
<b>Chair: Prof. Dr. Marsha Dickson</b>		
<b>Co-Chair: Prof. Dr. Jan Vang</b>		
Paper ID	Paper Title	Authors
52	Identification and Elimination of the Factors Related to the Instability of the Textile Engineering Graduates at the Entry Level of Spinning Mills in Bangladesh	Amit Chakraborty and Md. Zulfikar Hasan
55	Access to Five Basic Rights for RMG Workers of Savar: A cross disciplinary inferential approach	Md. Rafiqul Islam, Samira Tasnim and Ulfat Bristi
63	Governing Labour Standards for Social Sustainability in Garment Global Production Networks: Perspectives from Below	Kazi Mahmudur Rahman and Shahidur Rahman
61	Challenges of Quality assurance –A Case Study of Women Entrepreneurs in the Garment Sector of Bangladesh	Ruba Rummana, Shyamapada Biswas and Lal Mohan Baral

75	Reflections of Practical Wisdom in Decision Making: An Integrative Approach to Corporate Sustainability Management	Kamol Gomes, Lal Mohan Baral and Mohammad Morshed
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<b>Parallel Technical Sessions 2B</b>		<b>Venue: Y - Architecture Jury Room</b>
<b>Theme: <i>Lean and Organizational Development</i></b>		<b>Time: 4.00 pm – 5.30 pm</b>
<b>Chair: Prof. Dr. Mohammad Sarwar Morshed</b>		
<b>Co-Chair: Assoc. Prof. Dr. Harun-or-Rashid</b>		
Paper ID	Paper Title	Authors
23	Improving Operational Performance And OHS Conditions Using Lean Tools In Readymade Garments Industries – An Example Of Real Life Studies	Iftekhar Hasan, Iftekher Hossain, Md. Jayed and Mohammad Morshed
27	Optimization of Work-In-Process Inventory through Value Stream Mapping	Alvee Siddika, Injamul Hasan, Farhana Pathan, Mohammad Rabbi, Mohammad Morshed and Anwarul Haque
28	Application Of Lean Manufacturing With A Two-Stage Tri-Level Optimization Model To Reduce The Lead Time And Cost In Inventory	Eftakher Rahman, Ashfaq Hossain, Ashikul Islam, Mohammad Morshed and Mohammad Rabbi
20	Significance and Scope of Value Stream Mapping (VSM) for increasing Value-Added Activities in Apparel Industry of Bangladesh	Aftab Hossain and Mohammad Morshed
14	Removing Bottlenecks in the Sewing Line Possible Consequences for Workers' Health	Peter Hasle, Azim Mohammad, Abu Hamja and Sarwar Morshed

<b>Parallel Technical Sessions 2C</b>		<b>Venue: Z- Room 8A03 (Block A)</b>
<b>Theme: <i>Environmental Sustainability</i></b>		<b>Time: 4.00 pm – 5.30 pm</b>
<b>Chair: Prof. Dr. Alimuzzaman Belal</b>		
<b>Co-Chair: Prof. Dr. Mahabubul Haque</b>		
Paper ID	Paper Title	Authors
30	Applying Lean Tools and Measuring Eco Efficiency for Garments Industries	Najiba Sultana, Rudrakhi Deb, Shanjida Azizi and Ziaul Haq Adnan
38	Study of Waste Management Impact on Environmental and Economic Sustainability in RMG Sector	Asif Hoque, Ibne Nahid, Tamjidur Rahman, Mohammad Morshed and Malek Maalouf
42	Development of Sustainable Antimicrobial & Healing Properties on Fabrics By Using The Extract of Eco-Friendly Herbs, for the Application of Medical Bandage and Inner-Wear Garments	Joyjit Ghosh and Asma Begum

46	Study on Present Environmental Sustainability Condition at Woven Readymade Garment Factories in Bangladesh	Samina Noor Tracy
74	Sustainable Supply Chain for Sustainable Garments Industry	Aiasha Siddiqua, Ummul Khair Fatema, Lal Mohan Baral and Fayshal Ahmmed Akash

**Parallel Technical Sessions 3 (A – C)**

6<sup>th</sup> March 2019, Wednesday

<b>Parallel Technical Sessions 3A</b> <b>Theme: Gender and Ethnic Issue</b>		<b>Venue: X - VC Seminar Room</b> <b>Time: 11.30 am – 1.00 pm</b>
<b>Chair: Prof. Dr. Shams Uddin Ahmed</b>		
<b>Co-Chair: Prof. Dr. Rumana Rashid</b>		
Paper ID	Paper Title	Authors
2	The Self-Organization and the Power of Female Informal Workers: A Case Study of the Cooperative Production Team in the Garment Industry in the Yangtze River Delta	Lulu Fan and Hong Xue
53	Impacts of the Level of Women Empowerment on Ready Made Garments Industry in Bangladesh	Afrista Birjis, Abdullah Al Masud, Kamol Gomes
69	How does Compliance Issue Redirect Employees' Organizational Attraction and Work Engagement Toward their Intention to Leave: A Study in RMG Industry	Md. Aftab Uddin, Mohammad Tahlil Azim and Moinul Haque
62	Addressing the Gender Issues for Sustainable Development of Garment Sector in Bangladesh: A Tri-Partite Model	Ruba Rummana, Shyamapada Biswas and Lal Mohan Baral
82	A comparison between Agency System and Regular Employment of RMG workers in Bangladesh	Mohammad Morshed, Peter Hasle, Malek Maalouf, M. Azizur Rahman

<b>Parallel Technical Sessions 3B</b> <b>Theme: Lean and Organizational Development</b>		<b>Venue: Y - Architecture Jury Room</b> <b>Time: 11.30 am – 1.00 pm</b>
<b>Chair: Prof. Dr. Iqbal Ahmed</b>		
<b>Co-Chair: Prof. Dr. Mohammad Ali</b>		
Paper ID	Paper Title	Authors
29	Productivity & Lot Size Scheduling: Case Studies In Rmg & Solar Industry	Meher Khan, Rafiur Rahman, Parijat Rahman, Mohammad Morshed and Aftab Hossain
31	A Case Study of Dyeing Machine Scheduling to Optimize the Dye House Production	Md. Ershad Khan, Sheikh Nazmul Hoque, Mohammad Mahbubul Alam and Md. Koushic Uddin
48	Transfer Mechanisms of Lean Implementation in the Apparel Industry in Bangladesh	Abu Hamja, Malek Maalouf, Peter Hasle and David Hansen

54	Effect of Implementing Lean Tools on Manufacturing Performance of Textiles and Apparel Firms.	Nejum Barua and Khaled Bin Mohammad Joy
49	Influence of Ergonomics And Its Impact On Sewing Machine Operators' Musculoskeletal Disorders in Lean Environment in The RMG Industry of Bangladesh	Mohammad Morshed, Lal Baral and Abu Hamja
67	RMG Sectors Sewing Productivity Analysis Through OHS and 5S	Md. Faysal Ahmed, Sanjib Kumar Barman, Rabbiul Hasan Mondol, Mohammad Sarwar Morshed and Mohammad Rabbi Zaber

<b>Parallel Technical Sessions 3C</b> <b>Theme:</b> <i>Environmental Sustainability</i>		<b>Venue:</b> Z- Room 8A03 (Block A) <b>Time:</b> 11.30 am – 1.00 pm
<b>Chair: Prof. Dr. Mustafizur Rahman</b>		
<b>Co-Chair: Prof. Dr. Humaun Kabir</b>		
Paper ID	Paper Title	Authors
47	Assessing the Impact of Green Human Resources Management on Environmental Management in the Context of Bangladeshi Garment Industry	Nazma Akhter
60	Improvement of Sustainable Geo-Jute Designed for Geo-Technical Purposes through Chemical Treatment	Nasrin Akter, Mubarak Ahmad Khan, Joy Krishna Saha, Subrata Chandra Das and Mohammad Faizur Rahman
66	Prospects of Enabling Sustainable Energy Solutions in the RMG Sector of Bangladesh	Muhammad Azijul Anik, Syed Sanjeed, Mazharul Islam and Mohammad Sarwar Morshed
68	Carbon Footprint Evaluation of Cotton Knit Garments Production in Bangladesh	Md. Ruhul Amin and Md. Arif Mahmud

**Parallel Technical Sessions 4 (A – C)**  
6<sup>th</sup> March 2019, Wednesday

<b>Parallel Technical Sessions 4A</b> <b>Theme:</b> <i>Impact of Institutions on Firm's Sustainability and Sustainable Production</i>		<b>Venue:</b> X - VC Seminar Room <b>Time:</b> 02.30 pm – 03.30 pm
<b>Chair: Prof. Dr. Mamun Habib</b>		
<b>Co-Chair: Assoc. Prof. Dr. Ziaul Haq Adnan</b>		
Paper ID	Paper Title	Authors
4	An Investigation of The Economic And Social Effects of The Links of Entrepreneurs of SMEs in the Garment Industry in Vietnam to the Global Value Chain.	Mary Rose Byrne
6	Chain Reactions of Occupational Health and Safety Hazards: A Social Sustainability Perspective	Sajal Kanti Ghosh, Mahmudul Hasan Fouji and Imranul Hoque



11	The Role of Market Knowledge And Institutional Network in Improving The Export Performance of Apparel Manufacturers from a Developing Country	Anisur R. Faroque, Mohammad Osman Gani, Mohammad Omar Faruq, Mohammad Fuad Bashar and Nargis Islam
40	Development Of Garment Design Module For Sustainable Product Development	Md. Mazharul Islam, Lal Mohan Baral, Md. Mashiur Rahman Khan and Mohammad Abdul Jalil
71	Internationalization Of Apparel Firm From Bangladesh To Ethiopia: A Perspective Of Lead Buyer's Business Model, Institutional Condition, And Supplier's Entrepreneurial Capability	Mohammad Rana
57	The Missing Link Between Industry Upgrading And Social Upgrading: The Lessons From A China's Garment Cluster	Hong Xue

<b>Parallel Technical Sessions 4B</b> <b>Theme:</b> <i>Lean and Organizational Development</i>		<b>Venue:</b> Y - Architecture Jury Room <b>Time:</b> 02.30 pm – 03.30 pm
<b>Chair: Prof. Dr. Lal Mohan Baral</b>		
<b>Co-Chair: Asst. Prof. Dr. Rafiqur Rashid</b>		
Paper ID	Paper Title	Authors
51	Optimization of Process Parameters for Dyeing Jute-Cotton Blend Fabric with Reactive Dyes using Box-Behnken Experimental Design	Muksit Ahamed Chowdhury and Mohahmmad Mahbubul Alam
50	Reduction of Changeover Time in Small lot Size Sewing Industry	Azim Mohammad and Peter Hasle
64	Aligning Ready-Made-Garment (RMG) Industry with Manufacturing Paradigm	Chowdhury Jony Moin, Mohammad Iqbal and Mohammad Ali
73	Maximization of Sewing Line Production Using Taguchi Signal-to-Noise Method	Asm Rezuhanul Alam and Mozammel Mia, Prof. Azizur Rahman
76	Risk Analysis of Readymade Garment Sector in Bangladesh	Farnaz Faruk, Shafikul Alam, Sayem Ahmed, Sarwar Morshed

<b>Parallel Technical Sessions 4C</b> <b>Theme:</b> <i>Management and Technology</i>		<b>Venue:</b> Z- Room 8A03 (Block A) <b>Time:</b> 02.30 pm – 03.30 pm
<b>Chair: Prof. Dr. Vathsala Wickramasinghe</b>		
<b>Co-Chair: Assoc. Prof. Dr. Mohammad B. Rana</b>		
Paper ID	Paper Title	Authors
39	English Proficiency for Sustainable Career Development in Fashion Industry	Mohammad Rukanuddin

45	Sustainable Knit Garment Manufacturing: A Review of Cost Analysis through Material Flow Cost Accounting	Lal Mohan Baral and A.K.M. Mobarok Hossain
56	Development of New Convertible Portable Shelter Combining Tent and Tarp Having Improved Features	Mohammad Faizur Rahman, Mohammad Rafiqur Rashid, Lal Mohan Baral, Niloy Roy, Istiak Ahmed Biswas, Md. Rimon Hossain and Md. Nayeem Hossain
43	Technology Adoption Strategy and Innovative Capacity in Garments Industry for Sustainable Development; Bangladesh Perspective	Maeen Md. Khairul Akter and Farid Ahmad
70	The Conundrum of Responsibility: Who is Responsible for the Sustainability of the Clothes We Wear?	Erin Leitheiser and Tina Mueller
77	Raw Material Inventory Control Model for RMG with Shortage Prediction using Nature Inspired Algorithm	Mahjabin Rahman, Mushaer Ahmed and Ferdous Sarwar

**Parallel Technical Sessions 5 (A – C)**  
6<sup>th</sup> March 2019, Wednesday

<b>Parallel Technical Sessions 5A</b> <b>Theme:</b> <i>Impact of Institutions on Firm's Sustainability and Sustainable Production</i>		<b>Venue: X - VC Seminar Room</b> <b>Time:</b> 4.00 pm – 5.30 pm
<b>Chair: Prof. Dr. Jan Vang</b>		
<b>Co-Chair: Asst. Prof. Dr. Azizur Rahman</b>		
Paper ID	Paper Title	Authors
72	Lead MNE's Contribution to Changing Business System Characteristics' and Path-Dependent Lock-in Supplier Development: A Case of Interestoff Apparel Company Bangladesh	Mohammad Rana
21	Ensuring Sustainable Livelihood for the Workers for the Sustainable Development in Ready Made Garments Industry in Bangladesh: An Empirical Study	Tazia Hossain
41	Implementation Of Westinghouse System In Garments Production Process To Determine The Workers Performance Rating Accurately	Lal Mohan Baral, Mohammad Faizur Rahman, Sadika Afrin Anandi and Mehdi Mustafizul Haque
81	Sustainability of Bangladesh Garment Industry by Improving OHS and Decent Work	Khandoker Abdus Salam
79	Cost Analysis of Denim Wash: A study on Denim Washing Industry of Bangladesh	Md. Arif Iqbal

<b>Parallel Technical Sessions 5B</b> <b>Theme:</b> <i>Supplier Relations and Development</i>	<b>Venue: Y - Architecture Jury Room</b> <b>Time:</b> 4.00 pm – 5.30 pm
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<b>Chair: Asst. Prof. Malek Maalouf</b>		
<b>Co-Chair: Asso. Prof. Dr. Ziaul Haq Adnan</b>		
Paper ID	Paper Title	Authors
5	Own Brand Manufacturing (OBM) by Developing Country Suppliers: A Case Study on RMG Industry of Bangladesh	Mahmudul Hasan Fouji and Imranul Hoque
33	A Sustainable Apparel Supply Chain Under The Sales Rebate Contract	Sohel Mahmud, Asif Choedhury, Faruk Sarkar and Ziaul Haq Adnan
3	The “Making Out” Game outside the Factory: A case study of “making out” production in garment industry in Pearl River Delta area of China	Yan Huang
34	Buyer Initiatives To Improve Supplier Quality Performance: A study on the Garments Industry of Bangladesh	Malek Maalouf and Imranul Hoque
13	Enhancing the Novel Solution Representation with a Route Reconstruction Operator for Solving Capacitated Vehicle Routing Problem	A. K. M. Foysal Ahmed, Mohammad Tanveer Hafiz and Mohammad Abdullah Al Wadud
25	Modeling And Optimizing The Intermodal Transportation Network System Of RMG Sectors For Improving Supply Chain Capabilities In Bangladesh	Md. Ragib Hasan, Mohammad Zaber, Mohammad Morshed, Mahabub Rahman and Malek Maalouf
80	An Integrated Support Vector Classification Approach for Performance Evaluation and Selection of Multi-Attribute Suppliers.	Faria Afrim, Md. Nazmus Sakib, Purbasha Das, Sayem Ahmed

<b>Parallel Technical Sessions 5C</b>		<b>Venue: Z- Room 8A03 (Block A)</b> <b>Time: 04.00 pm – 05.30 pm</b>
<b>Theme: Occupational health and Safety and Ergonomics</b>		
<b>Chair: Prof. Peter Hasle</b>		
<b>Co-Chair: Prof. Dr. Mamunur Rashid</b>		
Paper ID	Paper Title	Authors
15	Organizational and Operational Stress and Subjective Well-being in Police	Md. Mahmudul Hasan Sagar and Dr. A. K. M. Rezaul Karim
17	Identification And Analysis (ANOVA) of Occupational Safety And Health Problems of Workers in a Ready Made Garment (RMG) Industries – A Case Study	Md. Mahdi Islam, Md. Ariful Alam and Nayan Chakrabarty
18	Compliance With The Occupational Health And Safety Legislation of The Readymade Garment Industry In Bangladesh	Shams Tabrin
58	Occupational Health Hazards, Safety Issues and Applications of Ergonomics in Textile Industry: An Academic Review of Research Articles	Dibakar Sarker, Rafat Rahman, Farzana Sultana, Sharjil Ahmed and Asif Adnan
59	Health and Safety Issues in Sustainable Spinning Industry	Shahriar Raian, Mohammad Faizur Rahman and Lal Mohan Baral
78	Health and Safety Management Induced Individual Work Performance in the RMG Industry of Bangladesh	Md. Shahinuzzaman, Imranul Haque