

**INTERNATIONAL CONFERENCE ON
ADVANCES IN TEXTILES, MACHINERY
NONWOVEN AND TECHNICAL TEXTILES
ATNT-2008
CONFERENCE ANNOUNCEMENT AND CALL FOR PAPERS**

**JULY 14-16, 2008
COIMBATORE, INDIA**

Organized by



**TEXTILES AND CLOTHING DEPARTMENT
AVINASHILINGAM UNIVERSITY FOR WOMEN
COIMBATORE, TAMILNADU, INDIA**



&



TEXAS TECH UNIVERSITY
TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER
**The Institute of Environmental
& Human Health**



SPONSORING ORGANIZATIONS

ASSOCIATION OF THE NONWOVEN FABRICS INDUSTRY (INDA), USA
NONWOVENS DIVISION, TECHNICAL ASSOCIATION OF THE PULP AND
PAPER INDUSTRY, (TAPPI), USA
SAFETY AND PROTECTIVE PRODUCTS DIVISION, INDUSTRIAL FABRICS
ASSOCIATION INTERNATIONAL (IFAI), USA
TecniTex Nonwovens, INDIA
SOCIETY OF DYERS AND COLORISTS, INDIA (SDC-INDIA)

**CONFERENCE WEBSITE: WWW.ATNT2008.COM
International Conference**

on

**ADVANCES IN TEXTILES MACHINERY, NONWOVEN AND
TECHNICAL TEXTILES, ATNT-2008**

July 14-16, 2008

at

Avinashilingam University for Women, Coimbatore, India

An international conference on Advances in Textiles, Machinery, Nonwoven and Technical Textiles ATNT-2008, will be held in Coimbatore, popularly known as 'Manchester of South India' from July 14-16, 2008. It is jointly organized by Textiles and Clothing Department of Avinashilingam University for Women, Coimbatore, India and The Institute of Environmental and Human Health, Texas Tech University, USA. The main theme of the conference will focus on the emerging and cutting-edge advancements in the frontier areas of Textiles, Machinery, Nonwoven and Technical Textiles. A special feature of the conference is its emphasis on the entire value-chain of textiles, from fiber to fashion fabric, and apparel fabric to technical textiles.

India is emerging as a textile and manufacturing powerhouse with enormous growth opportunities. With the burgeoning middle-class population over 300 million; there will be an explosion of textile material usage in all sorts of applications, providing a huge market for global textile players. India is a preferred place for multinationals to venture into a myriad of business opportunities including nonwoven, medical, technical textiles and apparels.

The timing and venue of the conference are ideal for global players in academia and industry to assemble in India for the fifth time since 2004. India is rising in nonwoven and technical textiles with several supportive initiatives for the industry and research organizations to venture into technical textiles. The Prime Minister of India has launched National Technology Mission on Technical Textiles to promote research and development and the growth of the nascent technical textiles industry

in India. International academia and industry have opportunities in India for research and business collaborations.

ORGANISERS

The conference is an international collaborative endeavor between Avinashilingam University for Women, India and The Institute of Environmental and Human Health (TIEHH), Texas Tech University, USA. Avinashilingam University for Women was founded by Sri T. S. Avinashilingam in the year 1957 as Sri Avinashilingam Home Science College for Women.

Sri T.S. Avinashilingam an eminent educationist, a true visionary, well known social reformer, an advocate of women's emancipation and a great institution builder, was the first Chancellor of the University when the institution attained Deemed university status in 1988. His noble visions touched the realm of reality through the dedicated perseverance of the first Vice-Chancellor Dr. Rajammal P. Devadas, the world-renowned nutritionist and an educationalist.

The University follows the educational ideals of Sri Ramakrishna, Holy Mother Sri Saradhamani Devi , Swami Vivekanandha and Mahatma Gandhiji. The institution aims at empowering women through education incorporating a curriculum that is both need based and holistic. Swami Vivekanadha observed that education is not the mere acquisition of bookish knowledge. It is the development of human personality. Keeping this in mind, all the activities of the University take off from a strong foundation of ethical values, principles and cater to the development of all students be it physical, intellectual, and spiritual. The University has carved a niche for itself on the global map by providing unique and superior opportunities for women and under privileged. The University is currently functioning under the leadership and the guidance of Chancellor T. K. Shanmuganandham and Vice-chancellor Hon. Col. Dr. Saroja Prabhakaran.

Avinashilingam University offers Under Graduate, Post Graduate, M.Phil and Doctoral Research Programmes under seven faculties namely, Home Science, Science, Humanities, Community Education, Management, Education and Engineering. The campus provides excellent infrastructure with modern facilities for providing world class research and educational opportunities.

The Department of Textiles and Clothing in Avinashilingam University was initiated in the year 1957 to provide quality education, conduct research and offer consultancy services in textiles, clothing and allied sectors. The Department offers undergraduate to doctoral degrees in textiles and allied fields that are widely sought after in India.

The Institute of Environmental and Human Health (TIEHH) was established in 1997 as a joint venture of Texas Tech University (TTU) and Texas Tech University Health Sciences Centre (TTUHSC), Lubbock, Texas, USA. Ten years later, the program has developed into a world-class academic program with state-of-the-art laboratories where research conducted has tremendous impact on industry, education, governments and individuals around the globe. In the short time, scientists at TIEHH, in collaboration with faculty at TTU and TTUHSC, have created a unique multidisciplinary research and academic program working to find answers to real-world issues related to the effects of toxins on the environment and human health. Located at Reese Technology Centre in Lubbock, TX, USA, TIEHH is also committed to stimulating the area's economic development through its almost \$50 million in research grants and contracts facilitated through TIEHH since its establishment, creating close to \$200 million dollars of economic impact.

Within TIEHH, the Division of Nonwoven and Advanced Materials was established to focus on and facilitate the development of value-added nonwoven and novel materials to enhance human life such as defense textiles and bio-based automotive textiles. Nanotechnology-based research activities focus on

nanoparticles for environmental contamination remediation, nanofiber filters and bioengineered nanomaterials for human health improvements. TIEHH is the first academic facility in the USA to house, H1 technology needlepunching machine. Students involved in advanced materials research also graduate with MS and Ph.D degrees in Environmental Toxicology, which is also housed through TIEHH, as it is rated the leading environmental academic program in USA.

CONFERENCE VENUE – THE COIMBATORE CITY

Coimbatore city, is situated in the western part of Tamil Nadu and is also the district headquarter, which is known for its textile industries with many foundries, machinery and accessories manufacturers. A number of textile spinning, weaving, garment and textile machinery manufacturing industries are located in and around the city. Coimbatore is also famous for its good academic infrastructure with a number of colleges offering courses in textiles and allied subjects. The city is located at 432 meters above the mean sea level and is in the foothills of the Western Ghat mountains. It enjoys an excellent climate throughout the year. It is well connected by air and surface transport. Coimbatore is surrounded by major tourist spots and has always been a natural favorite with international tourists. Scenic hill stations of Ooty and Munnar and Arcot, the historic temples of Perur and Palani and the nearby exciting Kerala with its enchanting back-waters and health and holiday resorts are all a couple of hours drive from Coimbatore. Coimbatore has hosted four international conferences in textiles since 2004, which have attracted over 1250 people cumulatively from many different parts of the world. Leading industrialists and scientists from USA, UK, Germany, Czech Republic, Japan, Portugal, Switzerland, Hong Kong, Turkey and Pakistan have visited these conferences and have made them internationally known.

SPECIFIC THEMES OF THE CONFERENCE

Papers are invited from prospective speakers on the following themes:

Natural Fibers and Biopolymers

Advances in Synthetic Polymers and Fibers

Advances in Spinning, Weaving, Knitting and Nonwoven
Technical Textiles
Nanotechnology in Textiles
Developments in Textile Machinery
Advances in Textile Testing and Quality Control
Recent Development in Dyeing, Printing and Processing
Garment Production and Fashion Trends
Textile and Garment Design Development
Environmentally Friendly Textile Materials
Information Technology in Textiles and Fashion
Textile Management
Apparel Trade and Global Sourcing
Textile Economics and Marketing
Globalization issues in Textile Industry

CALL FOR ABSTRACTS

Abstracts are invited for oral and poster presentations of above mentioned specific themes. Abstract of papers not exceeding 300 words typed in MS Word format, Font 12, Times New Roman with 1.5 line spacing, highlighting the objectives, scope and results should be sent by e-mail to s.ramkumar@ttu.edu

IMPORTANT DATES

Last date to submit abstract	:	April 30, 2008
Notification of acceptance of abstract	:	May 15, 2008
Last date to submit full paper	:	June 10, 2008
Registration for exhibition and advertising in the souvenir	:	June 05, 2008.

Full text of the accepted papers not exceeding ten pages including graphs and tables in MS word, Font 12, Times New Roman with 1.5 spacing, Title Font 14, Upper Case Author/Authors with details and should be sent by e-mail to s.ramkumar@ttu.edu, Papers submitted after June 10, 2008 may not be included in the conference proceedings.

CALL FOR DELEGATES

Papers presented in the conference would enrich the knowledge of the delegates in the frontier areas of textiles, fibrous structures, fabric finishes, nanotechnology, nonwoven and technical textiles. The deliberations and proceedings will be very valuable for the global textile audience and multinational companies. The conference will provide enormous opportunities for interactions which can spearhead new opportunities for academia, India and International companies. The conference is keen in attracting a large number of delegates spanning the entire value-chain of the textile industry, to enable excellent knowledge transfer in a single platform.

REGISTRATION FEE

Registration form can be downloaded from conference website, www.atnt2008.com

Category	Paid before June 5, 2008	Paid after June 6, 2008
Foreign delegates	US\$ 300	US\$ 350
Foreign delegates (Students)	US\$ 125	US \$150
Indian delegates	Rs, 1500	Rs. 2000
Indian delegates (Students)	Rs. 600	Rs. 800
Industrialist	Rs.3000	Rs.3000

Registration fee covers admission to all presentations, conference, lunches, refreshments, inaugural and valedictory functions. In addition, each participant will receive the book of papers (CD-ROM), conference souvenir and certificate.

Student delicate rate will only cover food and refreshment. Upon additional payment, student delicate can obtain conference material such as souvenir and proceedings.

Completed registration form from Indian delegates along with registration fee should be sent to:

Dr.N.Vasugi Raaja, E-mail: vr_cbe@rediffmail.com, Mobile: 94430 44416.

Fax: 091-0422-2441252.

International participants should contact Dr. Seshadri Ramkumar, E-mail: s.ramkumar@ttu.edu. Phone: 001-806-885-0228, Mobile: 001-806-885-1925, Fax: 001-806-885-2132

MODE OF PAYMENT

INDIAN DELEGATES:

- Registration fee can be remitted by way of Cash/Demand Draft/cheque made in the name of **ATNT-2008, Avinashilingam University payable at Coimbatore** and marked **“Account Payee Only”**.

INTERNATIONAL DELEGATES:

International delegates should pay registration fees by credit cards/cashiers check to Texas Tech University. For further details, please contact Dr. Ramkumar, Texas Tech University at s.ramkumar@ttu.edu

Special Features: In addition to providing an international platform to exchange cutting-edge information and recent developments, the conference will feature **“table-top”** exhibitions from industry, academia and research organizations. Interested parties please contact the organizing secretaries.

The conference participants will be taken for sight seeing on July 14th, evening to historic places of architectural splendor and importance around Coimbatore city. Another interesting feature of the conference is the cultural program to be

presented by highly professional students who excel in Indian cultural arts namely classical music, dance and folk lore. It will be a real treat for the conference participants on the evening of July 15th, 2008.

SPONSORSHIPS OPPORTUNITIES

The international conference provides an excellent opportunity for companies to gain global visibility and publicity by promoting their products and services to a highly focused audience besides networking with the participants from various parts of the world.

Sponsors are assured of full visibility through the conference souvenir, conference backdrops, conference documentations, conference CDs, inserts, advertisement materials like CDs, brochures about the products in the conference docketts and conference website www.atnt2008.com. Sponsors will also have the privilege of presentation/display of their products during the conference.

Sponsorship enquiries are highly appreciated. Please contact Dr. N. Vasugi Raaja and/or Dr. Seshadri Ramkumar

SPONSORSHIP OPTIONS

Sponsorship options include:

✓ Conference proceedings (CD ROM)	:	Rs.	75, 000
✓ Delegate bags	:	Rs.	1, 00, 000
✓ Delegate buffet lunches (per day)	:	Rs.	60, 000
✓ Delegate badges	:	Rs.	10, 000
✓ Delegate refreshments with high tea	:	Rs.	45, 000
✓ Delegate buffet dinner (per day)	:	Rs.	50, 000
✓ Cultural programme	:	Rs.	25, 000
✓ Advertisement materials like CDs, Brochure products in conference docketts	:	Rs.	15, 000

SOUVENIR ADVERTISEMENT OPPORTUNITIES

This conference will release a souvenir, wherein companies can advertise their products. The souvenir will be a tool to promote products as it will be distributed widely beyond conference participants.

Advertisement in souvenir rates are given below:

Category	Foreign Companies	Indian Companies
Full page color backside cover outside	US\$ 750	Rs. 7, 500
Full page color backside cover inner	US\$ 500	Rs. 5, 000
Full page color front side cover	US\$ 750	Rs. 7, 500
Full page color inside	US\$ 500	Rs. 5, 000
Full page B&W inside	US\$ 200	Rs. 3, 000

Sponsoring companies or individuals willing to sponsor an event or advertise their products can contact

Dr. Seshadri Ramkumar via e-mail or phone.

E-mail : s.ramkumar@ttu.edu, Mobile : 001-806-445-1925

Phone : 001-806-885-0228, Fax : 001-806-885-2132.

Dr. Vasugi Raaja via e-mail / or phone.

E-mail: vr_cbe@rediffmail.com, Mobile: 91-944304416.

Phone: 091-0422-2440241, Fax: 091-0422-2441252.

ACCOMODATION

There are many hotels in Coimbatore that are of international level offering affordable prices ranging from US\$50 to US\$200 per day. For delegates, hotel rooms will be reserved by the conference secretariat in hotels of their choice as per

their request. Hotel tariffs in Indian Rupees for some well known hotels in Coimbatore are given below.

HOTEL	STANDARD		COMFORT		DELUXE		SUITE
	SO	DO	SO	DO	SO	DO	
The Residency	Rs. 3200	Rs. 3500	Rs. 3800	Rs. 4300	Rs. 6000		Rs. 7500
Alankar Grande	Rs. 1600	Rs. 1900	Rs. 2100	Rs.2400	Rs. 2700		Rs. 3500
Heritage Inn	Rs. 1550	Rs. 1900	Rs. 1800	Rs. 2100	NIL		Rs. 2500
City Tower	Rs. 1350	Rs. 1700	Rs. 1650	Rs. 1950	Rs. 1800	Rs. 2200	Rs. 3000
Rathina Inn	Rs. 1100	Rs. 1330	NIL	NIL	Rs. 1500	Rs. 1700	NIL
CAG Pride	NIL	NIL	Rs. 1800	Rs. 2700	Rs. 1500	Rs. 1800	Rs. 2650
Nilgiris Nest	Rs. 1375	Rs. 1650	Rs. 1870	Rs. 2365	Rs. 2640	NIL	Rs. 2950
Aarvee Hotel	Rs. 650	Rs. 850	Rs. 1100	NIL	Rs. 1250	NIL	NIL
Mangala International	Rs. 675	Rs. 850	Rs.775	Rs. 950	Rs. 950	Rs.1250	Rs. 2500

SO – Single occupancy, DO – Double occupancy, Current Exchange rate : 1 USD – 44 INR, Room tariffs indicated above are in INR and exclusive service tax 12.5%)

Note : For hotel reservations, please contact:

Dr. Vasugi Raaja, e-mail : vr_cbe@rediffmail.com, Mobile : 094430-44416

**ORGANIZING COMMITTEE
INTERNATIONAL TECHNICAL ADVISORY COMMITTEE**

Organizing Committee

Chief Patron:	T.K. Shanmuganandham Chancellor, Avinashilingam University for Women, Coimbatore, India
Patron:	Dr. Saroja Prabhakaran Vice Chancellor, Avinashilingam University for Women, Coimbatore, India
Co Patrons:	Dr. Gowri Ramakrishnan Registrar, Avinashilingam University for Women, Coimbatore, India

Convener:	Dr. Sathiyavathi Muthu Dean, Faculty of Home Science Avinashilingam University for Women, Coimbatore, India
Co-convener:	Dr. G.Krishna Bai Professor and Head, Department of Textiles and Clothing Avinashilingam University for Women, Coimbatore, India
Organizing Secretaries:	Dr. N. Vasugi Raaja Reader, Department of Textiles and Clothing, Avinashilingam University For Women, Coimbatore, India
	Dr. Seshadri Ramkumar, Assistant Professor Nonwoven and Advanced Materials Labouratory The Institute of Environmental and Human Health Texas Tech university, Lubbock, USA
Event Coordinators	Dr. K. Lakshmi Selection Grade Lecturer, Textiles and Clothing Department Avinashilingam University for Women, Coimbatore, India Dr. S. Amsamani Reader, Textiles and Clothing Department Avinashilingam University for Women, Coimbatore, India Mrs.R. Prabha Lecturer, Textiles and Clothing Department Avinashilingam University for Women, Coimbatore ,India Dr. G. Bagyalakshmi Lecturer, Textiles and Clothing Department Avinashilingam University for Women, Coimbatore ,India Mrs.K.Kalairasi Lecturer, Textiles and Clothing Department Avinashilingam University for Women, Coimbatore, India Mrs.U. Ratna Lecturer, Textiles and Clothing Department Avinashilingam University for Women, Coimbatore, India

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