



Sarvajani Education Society

SARVAJANIK COLLEGE OF ENGINEERING & TECHNOLOGY

Dr. R. K. Desai Marg, Opp. Mission Hospital, Athwalines, Surat – 395001

Towards progressive civilization



SCET MULTIDISCIPLINARY CONFERENCE ON ENGINEERING & TECHNOLOGY - SMDCET 2017

INNOVATIONS WITH TECHNICAL TEXTILES

ORGANISED BY

DEPARTMENT OF TEXTILE TECHNOLOGY

**Accredited By National Board of Accreditation (NBA), New Delhi
for Period of 3 Years (2016-2017, 2017-2018, 2018-2019)**

Technically and financially supported by



A Brief Report

Sarvajani College of Engineering and Technology, Surat had organized National level SCET Multidisciplinary Conference on Engineering & Technology (SMDCET-2017).

During inaugural function of this multi conference, Dr. S. R. Gandhi – Director, SVNIT, Surat was invited as a Chief Guest. Dr. U. B. Desai - Director, IIT, Hyderabad and Shri Rajiv Bhatnagar - Director, Hazira facility, ESSAR Steel graced the occasion as Guest of Honour. Immediately after inauguration, keynote address of Dr. U. B. Desai was arranged on “No Smart cities without sensors”.

Under this banner, Textile Technology Department had organized National Conference on Innovations with Technical Textile (ITT- 2017) on 25th and 26th March, 2017.

ITT 2017 aims to gather technocrats from different states of India on a common platform and to promote research activities leading towards Innovations with Technical Textiles. ITT 2017 included the following three domains of technical textiles: a) Textiles for Agriculture, Building-construction & industrial applications; b) Textiles for applications in medicine, sports and automobiles and c) Smart textiles, geo textiles and eco textiles.

Day 1 (25th March 2017, Saturday)

The process of registration of participants for the ITT 2017 for all categories was conducted by Prof. Shweta Doctor at the Textile Technology Department between 09:00 am to 10:00 am. All together, 57 student participants from different colleges of textiles, faculties and scholars from SCET and other surrounding textile colleges as well as some of the participants from nearby textile industries had registered themselves for this conference. As against 40 targeted participants, we could able to register for more than 70 participants for this conference.

The ITT 2017 was started with the talk of learned invited speaker, Dr. Vijay Ramakrishnan, Head, TRADC, Kosamba on 25th March 2017. He was warmly welcomed by ITT 2017 Programme Chair - Dr. P. A. Khatwani. Dr. Khatwani introduced our guest.

He addressed the gathering about the technical textiles in general followed by vast scope and future prospectus of textiles apart from apparel industries. He gave full understanding on the fibres which can be used for the same; involving the new fibres available. He ended his talk with the comparison of these new fibres with the conventional fibres. The invited session was further continued by Mr. Amit Dayal, Assistant Vice President, TRADC, Kosamba. He gave through knowledge on recent developments occurring in the segment of sport textiles. He wonderfully explained about moisture management technique in sport wear. He concluded his session with overwhelming discussion with the gathering.



Dr. Vijay Ramakrishnan, Head, TRADC, Kosamba, Invited Speaker
addressing the gathering

After such knowledgeable invited session, the technical session was queued. That was a platform for UG, PG and Ph.D. students to share about the research they are currently doing in their research work in the form of paper presentation. Total 8 such quality papers were accepted for presentation after the plagiarism check and by pass standardised process decided centrally. Amongst these 8 papers, 1 paper on medical textile was from UG student of Textile processing department, SCET; 1 paper on industrial textile from an industrialist; 4 papers on various technical textile segments were from ME scholars and 2 papers by Ph.D. scholars. The entire event was evaluated by Dr. Vijay Ramakrishnan – the invited technical session guest for the conference day.

After completion of presentations, Dr. Vijay Ramakrishnan distributed certificates to the participants. The day was ended with the felicitation of Dr. Vijay Ramakrishnan by memento as a token of love followed by vote of thanks to the other industrial attendees as well as all the gathering by Programme Chair – Dr. P. A. Khatwani.

Some of the cheerful glimpses of the 1st day of conference can be seen from the following captures:



Gathering during the Invited Speaker Session



Felicitation of Dr. Ramakrishnan by Dr. Khatwani with a Memento



Presentations by Scholars during Technical Session

Day 2 (26th March 2017, Sunday)

The second day i.e. 26th March was started by delicious high-tea arranged at the college canteen. As an invited technical session guest, Dr. S. S. Bhattacharya, Dean, Faculty of Technology & Engineering, The M. S. University of Baroda, Vadodara was invited. The guest was welcomed by Programme Chair – Dr. P. A. Khatwani. Dr. Bhattacharya started his talk with general introduction on various segments of technical textiles. Afterwards he addressed gathering regarding in depth understanding on geo textiles. He included different fibres used in the field, the manufacturing techniques of geo-nets, their advantages and disadvantages of the same. He concluded his talk with the future scope of the technical textiles.



Dr. S. S. Bhattacharya, Dean, Faculty of Technology & Engineering, M. S. University, Baroda Invited Speaker addressing the gathering



Felicitaton of Dr. Bhattacharya by Dr. Khatwani with a Memento



Mr. Shrilesh Trilokekar, Trainer from ATE Enterprise Pvt. Ltd., Surat
Invited Speaker addressing the gathering

Mr. Shrilesh Trilokekar, Trainer from ATE Enterprise Pvt. Ltd., Surat was invited as the second invited technical speaker on the second day. He was also welcomed by Programme Chair – Dr. P. A. Khatwani. Mr. Shrilesh focused on scope of warp knitting in Agro-textiles. He pleasantly welcomed all the BE freshers for training without any fees at ATE enterprise to gain industrial and practical knowledge of the field during their vacation period. Mr. Shrilesh was happily felicitated with a memento as a token of love.



Felicitatation of Mr. Trilokekar by Dr. Khatwani with a Memento

Scholar Session

After such knowledgeable and practical talk by the invited speakers, Scholar session was arranged which was coordinated by Prof. S. K. Parmar. Two events i.e. Poster presentation & Product display were organized to provide platform to UG and diploma students. Students had to prepare the poster in the prescribed size and as per the draft on any of the titles allotted on technical textiles. Students participated in groups of two to present the posters. Total 24 students from various colleges making 12 teams displayed their posters on the said subjects.

The main attraction of the scholar session was the second event i.e. product display. In this event, students had to display the currently available products in the market from the field of technical textiles. Total five such products were kept for display by the students of different colleges. These products included refrigerator pad which can absorb the bad odour and bacteria from the surrounding of the fridge to keep the items fresh and surrounding pleasant;

shoes sole which could absorb perspiration and its bad odour from our feet; laminated jacket which simply scrolled down the water droplet fallen on it, etc. Our principal madam – Dr. Vaishali Mungurwadi, Dean, SAWC – Dr. Mayank Dalal, I/C Registrar, SCET – Mr. Bhaskar Cheruku also visited the place to increase students' enthusiasm. They left the place with happy faces to see such wonderful products and posters displayed by the students. Both the technical speakers cumulatively judged both the events in their own style and decided the winners.

Day two was ended with the announcement of winners for both the events of scholar session. Winners were distributed certificates and cash prizes with surprise gift. All the participants too were distributed certificates for the same. Both technical speakers then felicitated with a memento as a token of remembrance of the conference.

Some of the cheerful glimpses of the 2nd day of conference can be seen from the following captures:



Respected Principal madam actively interacting with participant and Dr. P. A. Khatwani-Program Chair, Dr. Mayank Dalal-Dean, SAWC, Mr. Bhaskar Cheruku-Registrar visiting the same


