

ACCEPTED PAPERS TOPICS

1. New fibers and advanced materials	6. IT applications	11. Footwear design and technology
2. Textile science and technology	7. Machinery developments	12. Ecology in textiles and leather processing
3. Textile structures and properties	8. Fashion design and product development	13. Marketing and management
4. Intelligent textiles	9. Innovations in textile finishing	14. Engineering education
5. Functional textiles and clothing	10. Advances in leather processing	

Nr.	Author	Affiliation	Country	Paper Title	Topic	Presentation mode
1	Savin Dorin Ionesi, Luminita Ciobanu, Mariana Ursache, Emil Loghin and Ionut Dulgheriu	"Gheorghe Asachi" Technical University of Iasi	Romania	Modelling the impact behaviour of composites materials using FEM	2	Poster presentation
2	<u>YordanKyosev</u>	Hochschule Niederrhein, University of Applied Sciences Mönchengladbach	Germany	Modelling of warp knitted structures at filament level	3	Oral presentation
3	<u>MahltigBoris</u>	Hochschule Niederrhein, Mönchengladbach	Germany	Textile concepts for radiation protection	5	Oral presentation
4	Zuhaib Hassan	Technical University of Istanbul	Turkey	Filtration properties of thermally treated nanofibrous webs	1	Oral presentation
5	Pierre-Baptiste Jacquot, <u>Didier Perrin</u> , Benjamin Gallard, Romain Léger, Patrick Ienny	Centre des Matériaux des Mines d'Alès	France	Peel strength impact of functionalized polyethylene to thermoplastic polyurethane calendered on a polyester fabric	2	Oral presentation
6	Bogdan Rusu ^{1,2} , Mariana Ursache ¹ , Savin Dorin Ionesi ^{1,2} , Luminiţa Ciobanu ¹ , Manuela	"Gheorghe Asachi" Technical University of Iasi	Romania	Continuing education for Romanian SMEs - skills gained through eLearning	14	Poster presentation



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	Avădanei ¹ , Maria Carmen Loghin ¹					
7	Mariana Ursache ¹ , <u>Bogdan</u> <u>Rusu</u> ^{1,2} , Savin Dorin Ionesi ^{1,2} , Luminiţa Ciobanu ¹ , Manuela Avădanei ¹ , Maria Carmen Loghin ¹	"Gheorghe Asachi" Technical University of Iasi	Romania	Continuing education for Romanian SMEs - challenges for HEIs	14	Poster presentation
9	Viorica Crețu	"Gheorghe Asachi" Technical University of Iasi	Romania	Functional knitted fabrics for UV protection clothing	5	Poster presentation
10	Daniela Geanina Luca (Cososchi), Alina Luca, Luminita Mihela Lupu, Ionut Viorel Herghiligiu	"Gheorghe Asachi" Technical University of Iasi	Romania	Analyze of relationship between the intellectual capital and the stages of acquisition process of organizational knowledge	13	Poster presentation
11	Cristina Racu	"Gheorghe Asachi" Technical University of Iasi	Romania	A study of the fiber migration in yarn cross-section for hemp/polypropylene blends	3	Poster presentation
12	<u>MihaiStan</u>	S.C. DIGITRAN GRUP S.R.L., Bucharest	Romania	Meta-textile structures, a technological challenge of textile industry	3	Oral presentation
13	AlexandraLuca, Ingrid-Ioana Bucişcanu	"Gheorghe Asachi" Technical University of Iasi	Romania	Carbon and water footprints - tools for measuring sustainability of leather processing	12	Poster presentation
14	Antonio Dinis Marques, Graça Guedes, Fernando Ferreira	University of Minho, Guimarães	Portugal	Open innovation in the fashion industry: Portuguese footwear industry	11	Oral presentation



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15	<u>Laura Macovei,</u> Viorica Creţu, Antonela Curteza	"Gheorghe Asachi" Technical University of Iasi	Romania	Knitted home products based on stitch transfer technique	3	Poster presentation
16	<u>Viorica Creţu,</u> Laura Macovei Antonela Curteza	"Gheorghe Asachi" Technical University of Iasi	Romania	Innovative textile products with electrically conductive yarns	5	Poster presentation
17	<u>DanielaNegru,</u> Liliana Buhu	"Gheorghe Asachi" Technical University of Iasi	Romania	Analysis of properties for conductive textile yarns	1	Oral presentation
18	<u>CarmenTita</u>	"Gheorghe Asachi" Technical University of Iasi	Romania	Blended learning as a new approach to education	14	Poster presentation
19	YanHong ^{1,2,3} , Pascal Brunauix ¹ , Xianyi Zeng ¹ , Yan Chen ² , Antonela Curteza ³	¹ ENSAIT ² Soochow University ³ "Gheorghe Asachi" Technical University of Iasi	France, China, Romania	Interactive garment block design for disabled people of scoliosis type using virtual simulation	6	Oral presentation
20	Luminița Ciobanu, Irina Cristian, Savin Dorin Ionesi	"Gheorghe Asachi" Technical University of Iasi	Romania	Investigation regarding the influence of the fabric characteristics on VARTM efficiency for textile composites	2	Poster presentation
21	ElSayed A. ELNashar	Faculty of Specific Education, Kafer ElSheikh University	Egypt	Volume porosity and air permeability in knitted fabrics	3	Oral presentation
22	Ion Verzea ¹ , Gabriel- Petru Luca ¹ Rachid Chaib ² , Adrian Vâlcu ¹	¹ "Gheorghe Asachi" Technical University of Iasi, ² "Frères Mentouri" University of Constantine	¹ Romania ² Algeria	Conventional work units breakeven point assessment in the garment industry	13	Oral presentation



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23	Adrian Vilcu, Ion Verzea, CatalinVilcu	"Gheorghe Asachi" Technical University of Iasi	Romania	Heuristic algorithm for optimization of manufacturing process by balancing a production line from a textile company	6	Oral presentation
24	Elena Varzaru, Iuliana Dumitrescu, Cornelia- Elena Mitran, Ovidiu- George Iordache	National R&D Institute for Textiles and Leather Bucharest (INCDTP)	Romania	Development and validation of analytical method for determination of carcinogenic amines from textile dyes	12	Oral presentation
25	Melissa Monika Wagner ^{1,2,3} , Antonela Curteza ¹	 1"Gheorghe Asachi" Technical University of Iasi, ² ENSAIT ³ Soochow University 	¹ Romania, ² France, ³ China	A conceptual study of the Romanian ethical fashion consumer decision journey	13	Oral presentation
26	Iuliana Dumitrescu ¹ , Ovidiu-George Iordache ¹ , Elena Varzaru ¹ , Elena-Cornelia Mitran ¹ ,Bogdan Trica ²	¹ INCDTP ² ICECHIM	Romania	Graphene (0.1%)- TiO ₂ nanocomposite effect on textile materials	9	Oral presentation
27	Adriana – Ioana Subtirica, Angela Dorogan	National R&D Institute for Textiles and Leather Bucharest (INCDTP)	Romania	Biomaterials for tissue regeneration	1	Poster presentation
28	Doina Toma, Alina Popescu, Laura Chirila, Claudia Niculescu	National R&D Institute for Textiles and Leather Bucharest	Romania	Personal protective equipment for emergency responders	5	Poster presentation
29	Claudia Niculescu, Adrian Salistean, Georgeta Popescu	National R&D Institute for Textiles and Leather Bucharest	Romania	Multi-functional harness/container equipment for parachutes	8	Poster presentation
31	Melinda Pruneanu, Vasilica Maier, Ingrid Bucişcanu, Iulia Bălău-Mîndru	"Gheorghe Asachi" Technical University of Iasi	Romania	Eco-friendly leather obtained by using an oligomeric resin as pre-tanning agent	10	Poster presentation
32	Carpus Eftalea,	National R&D Institute	Romania	Aspects regarding the causal	4	Poster



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	Ene Alexandra, Mihai Carmen, Scarlat Razvan	for Textiles and Leather Bucharest		system of interactive textiles implementation concept		presentation
33	Katalin Küster, Matthias Aurich, Yordan Kyosev	Hochschule Niederrhein – University of Applied Sciences, Mönchengladbach	Germany	Machine configurations for multilayer braided structures with complex cross sections	7	Poster presentation
34	Emilia Filipescu, Iuliana Streba	"Gheorghe Asachi" Technical University of Iasi	Romania	Constructive design of models with architectural forms	8	Poster presentation
35	Manuela Avădanei, Emil Loghin, Ionuț Dulgheriu	"Gheorghe Asachi" Technical University of Iasi	Romania	Theoretical considerations regarding the process of designing customized prototypes of garments	8	Poster presentation
36	Alina Iovan Dragomir <u>Mariana Drișcu</u>	"Gheorghe Asachi" Technical University of Iasi	Romania	Fitting digital design on various digital lasts created with 3D DELCAM CRISPIN	11	Poster presentation
37	Alina Iovan Dragomir Alexandra Luca	"Gheorghe Asachi" Technical University of Iasi	Romania	The impact of reinforced lining on upper breathability	11	Poster presentation
40	Maria Larion, Emil Ioan Muresan, Angela Cerempei, Augustin Muresan	"Gheorghe Asachi" Technical University of Iasi	Romania	Adsorption of methylene blue dye from aqueous solutions using metalosilicate beads as adsorbents	9	Poster presentation
42	Rodica Harpa	"Gheorghe Asachi" Technical University of Iasi	Romania	Regarding some factors that may influence the data accuracy in the subjective evaluation of the fabrics hand	3	Oral presentation
43	Bianca Aluculesei ¹ , Sybille Crzywinski ² , Antonela	^{1,3} "Gheorghe Asachi" Technical University of	^{1,3} Romania ^{2,4} Germany	Animation of 3D human scanning data - extracting the sitting posture	5	Poster presentation



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	Curteza ³ Christine Meixner ⁴	Iasi ^{2,4} Technical University of Dresden		for a better understanding of the garment development for wheelchair users		
44	Marcela Irovan, Victoria Danila, Stela Balan , Irina Tutunaru	Technical University of Moldova	R. Moldova	The design of apparel products for premature babies	8	Poster presentation
45	Marcela Irovan, Victoria Danila, Stela Balan , Irina Tutunaru	Technical University of Moldova	R. Moldova	The study of the particularities of designing functional apparel products for premature babies	8	Poster presentation
47	Alexandru Catalin, Alexandru-Cosmin Ciocea, Romeo-Mihai Ciobanu	"Gheorghe Asachi" Technical University of Iasi	Romania	Real-time information system for users of bus public transport	13	Oral presentation
48	D.P. Chattopadhyay, Prabhat Singh	The Maharaja Sayajirao University of Baroda, Vadodara	India	Synthesis of nano paraffin and its application to polyester for near superhydrophobicity	9	Oral presentation
49	Ion Razvan Radulescu ¹ , Lilioara Surdu ¹ , Laura Chiriac ¹ Veronica Satulu ² , Bogdana Mitu ² , Gheorghe Dinescu ²	¹ INCDTP, ² INFLPR, Bucharest	Romania	Low pressure plasma treatments for hydrophobic fabrics	9	Oral presentation
50	Svetlana Cangas, Viorica Cazac	Technical University of Moldova	R. Moldova	The human body proportions in relation to the fashion tendency of designing children clothes	8	Poster presentation
51	Svetlana Cangas, Viorica Cazac	Technical University of Moldova	R. Moldova	The design and the development of headwear products according to the fashion trend line of modern costumes	8	Poster presentation
52	Mirela Blaga, Andreea	"Gheorghe Asachi"	Romania	Knitted fabrics for Romanian folk	8	Poster



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	Alexandru	Technical University of Iasi		costumes		presentation
53	Mirela Blaga, Ioana Stanciulescu	"Gheorghe Asachi" Technical University of Iasi	Romania	Knits inspired by the architecture of the buildings	3	Poster presentation
54	<u>Viorica Cazac</u> , Svetlana Cangaș	Technical University of Moldova	R. Moldova	The use of calligraphic elements in the customizing process of textiles, clothes and clothing accessories	8	Poster presentation
55	Viorica Cazac, Svetlana Cangaș	Technical University of Moldova	R. Moldova	New possibilities for designing textiles products in order to improve the sense of perception for persons with sight deficiencies	8	Poster presentation
56	Yordanka Angelova	Technical University of Gabrovo,	Bulgaria	Effect of CuBr laser parameters on the contrastof the marking of the textile fabric	2	Poster presentation
57	Andra ManuelaCrudu ¹ , <u>Doina Sibiescu</u> ² , Marian Crudu ³ , Augustin Muresan ¹	^{1,2} "Gheorghe Asachi" Technical University of Iași, ³ INCDTP, Bucuresti	Romania	Complex Compunds with O, O' HydroxyAzo Dye and Silver (I)	9	Poster presentation
58	Alina - Lacramioara Apreutesei ¹ , Antonela Curteza ¹ , Octavian Baltag ² , Vasile Claudiu Ciubotaru ³	¹ "Gheorghe Asachi" Technical University of Iaşi, ² "Grigore T. Popa" University of Medicine and Pharmacy of Iasi ³ Grupul de Reconstituire Istorică Terra Ultrasilvana, Iasi	Romania,	Electromagnetic protection function of woven fabrics with metallic yarns	5	Oral presentation



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59	M.K.Paras ^{1,2} , A.Curteza ¹ , R.Pal ²	¹ "Gheorghe Asachi" Technical University of Iasi, ² University of Borås	¹ Romania, ² Sweden	A state-of-the-art Literature Review of Upcycling: A Clothing Industry Perspective	13	Oral presentation
60	Stela Balan ¹ , Irina Tutunaru ¹ , Marcela Irovan ¹ and Maria Manole ²	¹ Technical University of Moldova, ² Technological College of Chisinau	R. Moldova	Analysis of principles of constructive design of tricot products with shoulder support for women	8	Poster presentation
61	Stela Balan ¹ , Irina Tutunaru ¹ , Marcela Irovan ¹ and Maria Manole ²	¹ Technical University of Moldova, ² Technological College of Chisinau	R. Moldova	Optimization of procedures of elaboration of basic contours of tricotage shoulder support products for women	8	Poster presentation
63	Adrian Buhu Liliana Buhu	"Gheorghe Asachi" Technical University of Iasi	Romania	How to use H5P for learning in engineering?	14	Poster presentation
65	Cezar-Doru Radu ¹ , Oana Parteni ¹ , Loti-Cornelia Oproiu ² and Daciana- Elena Branisteanu ³	1"Gheorghe Asachi" Technical University of Iasi; ² ICECHIM, Bucharest; ³ University of Medicine and Pharmacy "Gr.T.Popa" Iasi	Romania	Medical textiles with a controlled release of drug in cutaneous therapies	9	Oral presentation
66	Cozmin Ionescu, Cornelia Luca, Ioan Cioară	"Gheorghe Asachi" Technical University of Iasi	Romania	Some contributions in the designing of the injection systems of the mould cavities in shoes industry	11	Oral presentation
67	Cozmin Ionescu, Cornelia Luca, Ioan Cioară	"Gheorghe Asachi" Technical University of Iasi	Romania	Contribution of the footwear outsoles moulds programming made on injection equipments	11	Oral presentation
68	Tijana Todorovic, Alenka Pavko-Cuden	University of Ljubljana	Slovenia	Symbols of slovenian/yugoslavian fashion compared to world fashion centers	8	Poster presentation



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69	Spela Zakrajsek, Andrej Vilar, Brigita Tomsic, Barbara Simoncic, Almira Sadar, Alenka Pavko Cuden	University of Ljubljana	Slovenia	3D foldable knitted structures for sound absorption	5	Poster presentation
70	Mariana Ursache ¹ , Savin Dorin Ionesi ^{1,2} , Luminiţa Ciobanu ¹ , Carmen Maria Loghin ¹ , Bogdan Rusu ^{1,2} , Manuela Avadanei ¹ , Dan Dorin ^{1,2} and Emil Loghin ¹	 1"Gheorghe Asachi" Technical University of Iaşi- Romania 2 ASITEX Association- Iaşi- Romania 	Romania	TECLO PROJECT – "textile and clothing managers for export, marketing, innovation, sustainability and entrepreneurship oriented companies" – Results and FUTURE ACTIONS	14	Poster presentation
71	Mariana Ursache, Carmen Maria Loghin, Manuela Avadanei, Savin Dorin Ionesi, Luminiţa Ciobanu, Irina Ionescu	"Gheorghe Asachi" Technical University of Iasi	Romania	Developing New Skills for the Extroversion Specializations of Fashion Industry in Europe. EXTRO-SKILLS.	14	Poster presentation
72	Angela Cerempei, Ana Irina Ecsner, Tatiana Constandache, Augustin Mureşan	"Gheorghe Asachi" Technical University of Iasi	Romania	Optimization of the printing with pigment yellow 17	9	Poster presentation
73	Lucia Stelea, Oana Borhan, Angela Cerempei, <u>Cristina Piroi</u> , Augustin Mureşan	"Gheorghe Asachi" Technical University of Iasi	Romania	Optimization of emulsions obtained from essentialoil of sage and beeswax/chitosan, intended for functionalization of textile materials	2	Poster presentation
74	Lucia Stelea, Costica Sava, Ioan Filip, Augustin Muresan	"Gheorghe Asachi" Technical University of Iasi	Romania	Researches on the obtaining of composite materials by using the bast fibers as reinforcement materials	3	Poster presentation
77	<u>Lidia Alexa</u> , Silvia	"Gheorghe Asachi"	Romania	The Impact of Social Media on	13	Oral



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	Avasilcăi, Marius Pâslaru	Technical University of Iasi		Fashion Industry		presentation
78	Mariana Costea, Aura Mihai	"Gheorghe Asachi" Technical University of Iasi	Romania	Plantar footprint analyse of the elderly's feet – one case study	11	Poster presentation
79	Mariana Costea, Carmen Tiţă, Bogdan Sârghie, <u>Aura Mihai</u>	"Gheorghe Asachi" Technical University of Iasi	Romania	Strategies for green marketing in footwear industry	11	Poster presentation
80	Aura Mihai Mariana Costea Bogdan Sârghie	"Gheorghe Asachi" Technical University of Iasi	Romania	Knowledge platform for transferring research and innovation in footwear manufacturing	11	Poster presentation
81	Parag Bashavar, Stelian Sergiu Maier, Augustin Muresan	"Gheorghe Asachi" Technical University of Iasi	Romania	Keratin hydrolyzate as a foaming auxiliary for textile dyeing process	2	Oral presentation
82	Angela Cerempei, Romeo Mihai Ciobanu, Emil Ioan Mureşan	"Gheorghe Asachi" Technical University of Iasi	Romania	Selective study on degree of acceptance and potential of aromatherapeutic textiles	2	Poster presentation
83	Gabriela Rusu, Silvia Avasilcai	"Gheorghe Asachi" Technical University of Iasi	Romania	Linking employee performance to strategic human resource management	13	Oral presentation
84	Cornelia Luca, Cozmin Ionescu	"Gheorghe Asachi" Technical University of Iasi	Romania	Researches about the realization of the moulds by electrochemical technologies	11	Oral presentation
85	Cornelia Luca, Cozmin Ionescu	"Gheorghe Asachi" Technical University of Iasi	Romania	Researches about the manufacturing of the silicone rubber moulds	11	Poster presentation
86	<u>Ioan Iacob,</u> Daniela Liuțe	"Gheorghe Asachi" Technical University of Iasi	Romania	Research on the cold sizing of cotton yarn warps	3	Poster presentation
87	Mariana Ichim, Costică Sava	"Gheorghe Asachi" Technical University of Iasi	Romania	Bending rigidity of yarns and knitted fabrics made from blends of cotton and cottonised hemp or flax	3	Poster presentation



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89	<u>Liliana Lutic</u>	"Gheorghe Asachi" Technical University of Iasi	Romania	Linear cover coefficient – the main indicator in the evaluation of the functional characteristics of the knitted fabrics	2	Poster presentation
90	<u>Liliana Lutic</u>	"Gheorghe Asachi" Technical University of Iasi	Romania	Traditional folk costume – inexhaustible source of inspiration for decorating garments	8	Poster presentation
91	Adriana Bujor Silvia Avasilcai	"Gheorghe Asachi" Technical University of Iasi	Romania	Bibliographic synthesis on definitions of creative industries	13	Oral presentation
92	Maria Magdalena Ostafe, Dorin Avram and Liliana Hristian	"Gheorghe Asachi" Technical University of Iasi	Romania	Research on elastic behaviour of technical textiles	3	Poster presentation
93	Romululs Bulacu, Cezar- Florin Bulacu	SC MINET SA , Rm Valcea	Romania	Adapting Spinnbau- Hergeth installation for the production of nonwoven textile material with low weight	7	Poster presentation
94	¹ Cezar-Florin Bulacu, ¹ Romulus Bulacu, ² Daniela Farimă	¹ SC MINET SA, Rm Valcea ² "Gheorghe Asachi" Technical University of Iasi	Romania	Experimental research on the properties of nonwoven materials for medical use	3	Poster presentation
95	Daniela Liuţe, Adrian Buhu	"Gheorghe Asachi" Technical University of Iasi	Romania	Foams deposition process control on textile materials	6	Poster presentation
96	Adela Florea, Irina Ionescu, Pulferia Nicolaiov, Maria Vranescu	"Gheorghe Asachi" Technical University of Iasi Ion Holban" Technical College, Iasi	Romania	Workplaces ergonomy for people with disabilities	2	Poster presentation
97	Adela Florea, Carmen Loghin and Irina Ionescu	"Gheorghe Asachi" Technical University of Iasi	Romania	Work methods for the sewing machine for products with special	2	Poster presentation



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98	PulferiaNicolaiov, Manuela Avadanei, Adela Florea Emil Loghin	"Gheorghe Asachi" Technical University of Iasi	Romania	Flexibility and predictability on the value chain of garments with unconventional finishing	2	Poster presentation
99	Elena Galateanu (Avram) Silvia Avasilcai	"Gheorghe Asachi" Technical University of Iasi	Romania	Business ecosystem health: linking performance to actors roles	13	Poster presentation
100	Adriana Zaharia, Silvia Avasilcai, Carmen-Aida Hutu	"Gheorghe Asachi" Technical University of Iasi	Romania	The role of innovation in competitive advantage achievement	13	Oral presentation
101	Mihaela Diaconu	"Gheorghe Asachi" Technical University of Iasi	Romania	Trends in obstacles to innovation in Romanian firms	13	Oral presentation
102	Luminita Ciobanu, Liliana Buhu, Mariana Ursache Savin Ionesi	"Gheorghe Asachi" Technical University of Iasi	Romania	Practical study regarding the structural parameters of weft knitted fabrics	2	Poster presentation
104	Cristinel Luca, Ioan Cioară, Alexandra Drug (Luca)	"Gheorghe Asachi" Technical University of Iasi	Romania	Modeling of the tensile properties of the geotextiles used in road construction	3	Poster presentation
105	Dragoș-Ionuț Angheluță, Luminița Mihaela Lupu	"Gheorghe Asachi" Technical University of Iasi	Romania	Information Security Management	13	Poster presentation
106	Ovidiu Iordache ¹ , Andreea Cozea ² ,Cornelia Mitran ¹ , Elena Varzaru ¹ ,	¹ INCDTP-Bucharest ² S.C. Hofigal Export- Import S.A.,Bucharest,	Romania	Microencapsulated eucalyptus oil functionalized textiles	5	Poster presentation



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	Iuliana Dumitrescu ¹ , Elena Stoica ³ , Corneliu Platon ⁴	³ Proxima Moda S.R.L., Bucharest ⁴ SC.Conflux S.A., Bucharest				
107	Ovidiu Iordache, Floarea Pricop, Iuliana Dumitrescu, Elena Varzaru, Cornelia Mitran	INCDTP-Bucharest	Romania	Bioburden isolation of various microbial strains from textile wastewater treatment plant, for future bio sorbent	12	Poster presentation