

I n g . A . M . R e h a n A b b a s i

DATE OF BIRTH

12-01-1980

CITIZENSHIP

Pakistan

OBJECTIVE

To enhance the level of technical education of people of most deprived part of the Pakistan as an educationist.

WORK EXPERIENCE

2005-2008 BUTEMS University Quetta, Pakistan

Junior lecturer

- Winning of scholarship for post graduate studies

2003-2005 Al-Rehmat Textile Mills Faisalabad, Pakistan

Asstt. Manager Quality control department

- Installments of testing equipments
- Development of color matching database in Datacolor

EDUCATION

2008-2010 Technical University of Liberec Liberec, Czech Rep.

- Masters of Science (Textile Engineering)
- Degree with distinction

1998-2003 National Textile University Faisalabad, Pakistan

- Bachelor of Science (Textile Engineering)
- Degree with 1st division
- Undergraduate scholarship from Government of Pakistan

ACHIEVEMENTS

Successfully accomplish the projects under student grant scheme (SGS) at Technical University of Liberec in 2011 and 2012. The titles of projects are as under;

- Dependence of viscosity and electrical conductivity of polymers on the concentration of nano particles (2011)
- EMI shielding behavior of polypyrrole coated special fabrics in different frequency range (2012)

SKILLS

- Fluent spoken and written English language (IELTS band 7)
- Enhanced teaching skill

RESEARCH INTERESTS

- Nanoparticles and Nanocomposites
- Electrical conductive textile materials

SCIENTIFIC CONTRIBUTIONS

Journal articles

- [1] Abbasi, A. M. Rehan, Wiener, J. and Militky, J. Cotton fabric coated by polypyrrole: effect of temperature on conductivity, *Melliand International*, 19, 2013, pp. 21.
- [2] Abbasi, A. M. Rehan, and Militky, J. EMI Shielding Effectiveness of polypyrrole coated glass fabric, *Journal of Chemistry and Chemical Engineering*, 7, 2013, pp. 256-259.
- [3] Abbasi, A. M. Rehan, Marsalkova, M. and Militky, J. Conductometry and Size Characterization of Polypyrrole Nanoparticles Produced by Ball Milling, *Journal of Nanoparticles*, 2013, 2013, (published online).
- [4] Abbasi, A. M. Rehan, Mangat, M. M., Baheti, V. and Militky, J. Thermal properties of cotton fabric coated with polypyrrole, *Journal of Fiber Bioengineering and Informatics*, 5, 2012, pp. 163-168.
- [5] Ramadan, M. A., Abbasi, A. M. Rehan, Wiener, J., Baheti, V. and Militky J. Polypyrrole coated cotton fabric: The thermal influence on conductivity, *Vlakna a Textil*, 19(3), 2012, pp. 41-49.
- [6] Abbasi, A. M. Rehan, Mangat, M. M., Baheti, V. K. and Militky J. Electrical and thermal properties of polypyrrole coated cotton fabric, *Vlakna a Textil*, 19(1), 2012, pp. 48-52.
- [7] Baheti, V., Marsalkova, M., Abbasi, R., and Militky, J. Comparison of wet milling action for fibrous and solid materials. *Vlakna a textil*, 19(1), 2012, pp. 3-7.
- [8] Baheti, V., Abbasi, R., Militky, J. and Dobias, J. Barrier properties of poly lactic acid packaging films reinforced with jute micro/nano particles, *Vlakna a Textil*, 19(3), 2012, pp. 10-16.
- [9] Baheti, V., Abbasi, R., and Militky, J. Ball milling of jute fibre wastes to prepare nanocellulose, *World Journal of Engineering*, 9, 2012, pp. 45-50.
- [10] Abbasi, A. M. Rehan, Marsalkova, M., Baheti, V. K. and Militky, J. Polypyrrole nanoparticles prepared by planetary ball milling and its conductivity, *Journal of Nanocomposites and Nanoceramics*, 2, 2011, pp. 1-4.
- [11] Abbasi, A. M. Rehan, Ramadan, M. A., Wiener, J., Baheti, V. and Militky, J. Electrothermal feedback in polypyrrole coated cotton fabric, *Journal of Textile Engineering*, (Accepted).
- [12] Abbasi, A. M. Rehan, Militky, J. and Gregr, J. Heat generation by polypyrrole coated glass fabric, *Journal of Textiles*, (Accepted).

Conference proceedings

- [11] Abbasi, A. M. Rehan, Militky, J. and Mazari, A. Heat generation by polypyrrole coated glass fabric, 21st ICCE Proceedings, Tenerife, Spain, 21-27 July 2013
- [12] Abbasi, A. M. Rehan, Gregr, J., Baheti, V. and Militky, J. Heat generation by polypyrrole coated glass fabric, 19th International Conference STRUTEX Proceedings, Liberec: Livoxs.r.o Liberec, 2012, ISBN 978-80-7372-913-4
- [13] Abbasi, A. M. Rehan, and Militky, J. EMI shielding effectiveness of polypyrrole coated glass fabric, International Technical Textile Conference, Izmir: Meta Basim Press, 2012, pp. 29-30, ISBN 978-975-441-377-9.
- [14] Abbasi, A. M. Rehan, Mangat, M. M. and Militky, J. Thermal properties of cotton fabric coated with polypyrrole, 5th Textile Bioengineering and Informatics Symposium Proceedings, Ueda: TBIS, Hong Kong China, 2012, pp. 757-761, ISBN 194-23-438.
- [15] Abbasi, A. M. Rehan, Ramadan, M. A. and Militky, J. The influence of temperature on polypyrrole coated cotton fabric, 41st Textile Research Symposium Proceedings, Guimaraes, Portugal: Universidade Minho, 2012, pp. 280-285 (CD ROM) ISBN 978-972-8063-67-2.
- [16] Baheti, V., Abbasi, R. and Militky, J. Optimisation of Ball Milling Parameters for Refinement of Jute Fibres to Nano/Micro Scale in Dry Conditions, 41st Textile Research Symposium Proceedings, Guimaraes, Portugal: Universidade Minho, 2012, pp. 197-204 (CD ROM) ISBN 978-972-8063-67-2.
- [17] Abbasi, A.M. Rehan, Marsalkova, M., Baheti, V. K. and Militky J. Development of polypyrrole coated glass fabric composite as EMI shield, 12th AUTEX World Textile Conference, Zadar: University of Zegreb, Croatia, 2012, pp. 1529-1532, ISBN 978-953-7105-44-0
- [18] Abbasi, A. M. Rehan, Baheti, V. K. and Militky J. Production of nanoparticles of polypyrrole by ball milling, 2nd Nanomaterials and Nanotechnology Meeting Proceedings, Ostrava: Repronis, 2011, pp. 93-94, ISBN 978-80-7329-264-5.
- [19] Abbasi, A. M. Rehan, Marsalkova, M., Baheti, V. K. and Militky. J. Optimization of milling conditions for the production of polypyrrole nanoparticles, 18th international conference STRUTEX, Liberec: Livoxs.r.o., 2011, pp. 237-241, ISBN 978-80-7372-786-4.
- [20] Abbasi, A. M. Rehan, Marsalkova, M. and Militky, J. Rheological and electrical properties of polypyrrole nanocomposites, 18th international conference STRUTEX, Liberec: Livoxs.r.o., 2011, pp. 401-404, ISBN 978-80-7372-786-4.
- [21] Abbasi, A. R., Vik, M., and Vikova, M. Color difference formulae evaluation by method of adjustment. 18th international conference STRUTEX, Liberec: Livoxs.r.o., 2011, pp. 441-446, ISBN 978-80-7372-786-4.
- [22] Baheti, V., Abbasi, R., Marsalkova, M., and Militky, J. Comparison of techniques to prepare nano crystalline cellulose from jute fibres. 18th international conference STRUTEX, Liberec: Livoxs.r.o., 2011, pp. 195-201, ISBN 978-80-7372-786-4.
- [23] Abbasi, A. M. Rehan, Militky, J. and Baheti, V. K. Production of nanoparticles of polypyrrole by ball milling, 40th Textile Research Symposium, Kyoto, 2011.

- [24] Abbasi, A. R., and Militky, J. Production of PPy nanoparticles by ball milling and electrical conductivity of their composite with polyurethane. Workshop pro doktorandy FS a FT TUL, 2011, Svetlanka: Vysokoskolskypodnik Liberec, spol. s.r.o.pp. 8-12. ISBN 978-80-7372-765-9
- [25] Abbasi, A. M. Rehan, EMI shielding effectiveness of polypyrrole coated textile fabric, Workshop pro doktorandy FS a FT TUL, 2012, Svetlanka: Vysokoskolskypodnik Liberec, spol. s.r.o.pp. 8-11. ISBN 978-80-7372-891-5
- [26] Baheti, V., Abbasi, R., Marsalkova, M., and Militky, J. Optimisation of milling parameters to prepare nanocellulosic templates for hybrid metal oxides, Workshop pro doktorandy FS a FT TUL, 2012, Svetlanka: Vysokoskolskypodnik Liberec, spol. s.r.o.pp. 12-20. ISBN 978-80-7372-891-5