

Dr. Himansu Shekhar Mohapatra

Assistant Professor

Indian Institute of Carpet Technology, Bhadohi,
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Year	Degree/Exam	University/ Board
2017	PhD in Textile Technology	NIT, Jalandhar, Punjab, India
2007	M. Tech. in Textile Technology	West Bengal University of Technology, Kolkata, India
2005	B. Tech. in Textile Engineering	Biju Pattnayak University of Technology, Odisha India
2000	Higher Secondary (12 th)	Council of Higher Secondary Education, Odisha, India
1998	Secondary (10 th)	Board of Secondary Education Odisha, India

Area of Interest:

Fibre science
Medical Textiles
Conductive Textiles
Yarn Manufacturing
Textile Testing
Plasma Treatment of Textiles
Single Polymer Composite

AWARDS

Certificate From All India Quiz Contest-1996

MHRD Merit scholarship (2005 -2007).

MHRD Merit scholarship during PhD, From 2011 to 2014

MEMBER OF PROFESSIONAL BODIES

Life member at “The Indian Natural Fibre Society” NIRJAFT, Kolkata, India with membership code TINFS/LM-190/0514.

CONFERENCE PRESENTATION AND WORKSHOP/SHORT TERM COURSE ATTENDED

1. Research paper presented as oral presentation and published in conference proceedings in RTCT-2016 at Department of Textile Technology, NIT Jalandhar held during 8th-10th April 2016.
2. Research paper presented as oral presentation and published in conference proceedings in ICETT 2014 at Department of Textile Technology, NIT Jalandhar held during 11th-12th April 2014.
3. Presented paper in Rangotsav (4th National Conference) held at Institute of Chemical Technology, Mumbai in February 2011.
4. Presented paper in International Conference on Technical Textiles and Nonwovens held at IIT, Delhi from 11th to 13th November 2010.
5. Active participation during International Conference on Technical Textiles and

- Nonwovens held at IIT, Delhi from 11th to 13th November 2008.
6. Successfully completed one week Staff Development Programme “ Innovative Techniques in Teaching and Learning Process” organized by National Institute of Technical Teachers’ Training and Research, Bhopal from 29th Nov. 2010 to 3rd Dec. 2010.
 7. Workshop under National knowledge Network on ‘Modeling and Simulation of Physical Systems’ held at Dr. B. R. Ambedkar National Institute of Technology, Jalandhar, from 22nd to 25th April, 2013.
 8. Workshop on ‘Statistical Quality Control in Textile Industry’ held at Dr. B. R. Ambedkar National Institute of Technology, Jalandhar, from 30th April to 1st May, 2013.
 9. Attended and active participation during the short term course on “Garment Technology” under TEQIP-II held from 10th to 14th June 2013 at NIT, Jalandhar.
 10. Workshop on ‘Air pollution control in Industries’ held at Dr. B. R. Ambedkar National Institute of Technology, Jalandhar, on 24th Februy, 2012.

PUBLICATIONS

1. **Himansu Shekhar Mohapatra, Anu Mishra and B S Butola**, Imparting protection against UV Radiations using in-situ coating of Titanium dioxide on Textiles, International letters of Chemistry, Physics and Astromomy, March 2019, Doi: 10.18052.
2. **Himansu Shekhar Mohapatra, Rajesh Kumar Verma**, Indian Handmade Carpet: A millennium floor covering, Journal of Textile Association, September-october 2017, 157-162.
3. **Himansu Shekhar Mohapatra, Rajesh Kumar Verma, Shravan Kumar Gupta**, Multiobjective optimization in quality characteristics of machinemade tufted carpets: Exploration of utility theory based approach, International journal of Industrial Engineering and Design, vol.3, issue 2, 2017.
4. **Himansu Shekhar Mohapatra, Priyanka dubey, Arobindo Chatterjee, Pramod kumar and Sourabh ghosh**, “Development of Fibrous Assembly from Orange Peel extract: Its Characterization and Antibacterial activity”, cellulose chemistry and technology, published, 2016-17.
5. **Himansu Shekhar Mohapatra**, “Smart Textiles-An Universal application’, Science Horizon, 1st Issue, January 2016.
6. **Himansu Shekhar Mohapatra**, Arobindo Chatterjee and Pramod Kumar, ‘Characerization of fibrous assembly from lime peels extract, International Journal of Pharmacology, Phytochemistry and Ethnomedicine Vol. 1 (2015) pp 27-36, Online: 2015-12-02, © (2015) SciPress Ltd., Switzerland , doi:10.18052.
7. **Himansu Shekhar Mohapatra**, Arobindo Chatterjee and Pramod Kumar, ‘Characerization of Film for medical Textiles Application’, Tekstilec, 2015, letn. 58(4), str. 268–273, DOI: 10.14502.
8. **Himansu Shekhar Mohapatra, Rati Kanta Malik**, Effect of Micro organism on Flax and Linen, Journal of Textile Science and Engineering, Vol. 6,(1) 2015. DOI: 10.4172/2165-8064.1000229.
9. **Himansu Shekhar Mohapatra, Kamal Kanti Goswami**, Microscopic, IR spectroscopic and thermal analysis on biodegradability of Jute, Journal of Textile Association, paper accepted on 2nd December 2015, ISSN-0368-4636.
10. **Himansu Shekhar Mohapatra, Harabansh Singh, Mukesh Kumar Nayak, Husen Kasim Mullani**, Woven polyester under cold plasma, Journal of Textile Association, Mar-April, 2015, ISSN-0368-4636.
11. **Himansu Shekhar Mohapatra, Neha Singh, Pooja Shukla, Sanat Kumar Pal, Kamal**

- Kanti Goswami, Application of cut work on cotton fabric, Melliand International, 2/2015.
12. **Himansu Shekhar Mohapatra**, Arobindo Chatterjee and Mukesh Kumar Nayak ‘High Modulus polypropylene for Technical Textile Applications, International Scientific Journal on Science Engineering and Technology, 17 (8), September 2014, ISSN: 2349-6657.
 13. **Himansu Shekhar Mohapatra**, Arobindo Chatterjee and Pramod Kumar ‘Development of Bioactive film from fibrous assembly’, Technical Textiles-Melliand International, 57, August 2014.
 14. **Himansu Shekhar Mohapatra**, Arobindo Chatterjee and Priyadarshi Jaruhar, “Role of Textiles during wound healing”, Journal of Textile Association, May-June 2014, ISSN-0368-4636.
 15. **Himansu Shekhar Mohapatra** and Pradeep Kumar Rout, “Biodegradability of Natural Fibres, Man Made Textiles in India, July 2014.
 16. **Mohapatra Himansu Shekhar**, Chatterjee Arobindo,” Bioactive Ingredients from Orange Fruits Extract”, Journal of Pharma Research, vol. 3, Issue 3, 2014, p 19-22, ISSN-2319-5622.
 17. Subhankar Maity, **Himansu Shekhar Mohapatra**, Arobindo Chatterjee, ‘New Generation Natural Fibre - Akund Floss’, Melliand International, March 2014, vol. 1, p 22-24.
 18. **Himansu Shekhar Mohapatra**, “New Generation Application of Bamboo Fibres’, Science Horizon, 1st Issue, January 2014.
 19. **Himansu Shekhar Mohapatra**, Arobindo Chatterjee, Pramod Kumar. (Vol.2 - Issue 12 (December - 2013). “Impact *Properties of Composites Reinforced by Textile Product* ”, International Journal of Engineering Research & Technology (IJERT), ISSN: 2278-0181.
 20. **H. S. Mohapatra**, A. Chatterjee, Pramod Kumar. (Vol.1 - Issue 1 (December - 2013). “*New Generation application of Polypropylene Fibre* ”, International Journal of Advanced Engineering and Nano Technology (IJAENT), ISSN: 2347-6389.
 21. **Himansu Shekhar Mohapatra**, Arobindo Chatterjee, Subhankar Maity. (Vol.2 - Issue 5 (November - 2013). “*Nanotechnology in Fibres and Textiles* ”, International Journal of Recent Technology and Engineering (IJRTE), ISSN: 2277-3878.

Invited/ Expert Talk:

1. Deliver expert talk at MLVTI, Bhilwara, Rajasthan on the topic “Protective Textiles” on 28th September 2018.
2. Deliver expert talk at MLVTI, Bhilwara, Rajasthan on the topic “Research paper writing” on 29th September 2018.