

Faculty Profile

Faculty Name : Ms. Astha

Designation : Assistant Professor

Qualification : M.Tech(Textile Chemistry), B.Tech (Fashion & Apparel Engineering)

Current Address : 61, Park Colony, Bhiwani, 127021

Phone 1 (office) : 8826247479

Phone 2 (office) :

Email : astha.textile@piet.co.in

Area of Interest: Textile Chemical Processing, Reduction in waste water load in Textile Industries, Enzymatic chemical processing, Sustainable textile processing by natural dyes, Fashion and Garment sector

Experience:

- **Teaching :** 4 years & 4 months
- **R & D Organization / Industry :** 10 months

Other :

Research Publications

1. Journals:

1. International: 2
2. National: 2

2. Conference / Seminar / Symposia etc.:

1. International: 1
2. National: 2

3. Books / Monographs / Manuals (including year & publisher): NA

Professional Membership: Textile Association of India (TAI)

Indian society for technical education (ISTE)

Main Courses Taught:

- **P.G. :**
- **U.G.:** Textile Chemical Processing, Textile Testing, Garment Technology, Technical Textile, Advanced Chemical Processing, Process control in Garment & Textile Fibre

Reviewer for following International Journal: NIL

Publications:

International Journal:

- A K Patra & **Astha**, Comparative study of dyeing performance of soybean fibre and wool Fibres and Textiles {Vlakna a textil}, SLOVAKIA, Vol.23, Sept 2016, ISSN-1335-0617.
- Pratibha Malik, Astha Sharma, Gianender, J. P. Sharma, Textiles for protection against Electromagnetic Radiations: A review, International Journal of Engineering Research and Application, ISSN: 2248- 9622, Vol. 8, Issue 6 (Part -III) June 2018, pp 32-37.

International Conferences:

- A K Patra & **Astha**, Comparative study of dyeing performance of soybean fibre and wool Fibres and Textiles {Vlakna a textil}, SLOVAKIA, Vol.23, Sept 2016, ISSN-1335-0617.

National Journal:

- **Astha**, Pratibha Malik, Pankaj Kumar & Aman Sindwani, Colouration of Banana fabric with Marigold Flower and Pomegranate peel, Asian Dyer, Dec 2017- Jan 2018, Vol. 14, No. 6, ISSN-0972-9488.
- **Astha** and Junia Ladaihzovi, Colouration of cotton fabric with Marigold flower and onion peel, Asian Dyer, June-July 2018, Vol 15, No.3, page no 45-48, ISSN -0972-9488.

National Conferences:

- **Astha** & Tanika Dhiman, Chromic Textile: A Critical Review, NCFAT'17, Amity University, Uttar Pradesh, ISBN -978-93-86238-19-1
- **Astha**, Computer Aided Designing for Emerging Textile and Fashion designing: A Comprehensive View, NCFAT, 2018, Amity University, ISBN-978-93-86238-51-1, pp, 64-69

PhD Thesis

- Completed: NIL

In Progress:

- List

M. Tech. Thesis

- List

Books

- List

Administrative Contribution:

1. Mentoring students for Graduation Project.
2. Holding the responsibility of class In-charge.
3. Organizing and carrying the students for Industry visits.
4. Participation in organizing the different kinds of cultural and technical events in the institute.
5. Participation in organizing workshop and conference held in Institute.
6. Assistant warden in Girl's Hostel.
7. Lab In charge: Garment Technology Lab
8. Lab In charge: Computer Aided Fabric Manufacturing Lab
9. Proctorial Board/ Discipline Committee Member of Textile Engineering Department.

Awards :

- List

Foreign Visits:

- List