

BIBLIOGRAPHY

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Books

- AATCC (1995), Technical manual of the American Textile Chemists and Colourists, American Association of Textile Chemists and Colourists, U.S.A., Vol. 70, pp. 17, 23-26.
- Adanur, S. (1995), Wellington Sears Hand Book of Industrial Textiles, Johnson industries Group, U.S.A., p. 701.
- Alps Industries (1999), Supported by Council of Scientific and Industrial Research and D. Manohar and Co., Delhi, Printed at Replica Press Pvt. Ltd.
- APHA, (1998), "American Public Health Association", American Water Works Association and Water Pollution Control Federation, Standard Methods for the Examinations of Water and Waste Water, XVII Edition, American Public Health Association, INC, Washington, pp. 3.6-3.15.
- Booth, J.E. (1996), Principles of Textile Testing, CBS Publishers, New Delhi, pp. 262, 278.
- Bureau of Indian Standards, (1989), Handbook of Textile Testing, Part 4, Identification and Testing of Dye Stuffs and their Colour Fastness on Textile Materials, New Delhi, pp. 181 and 183.
- Bureau of Indian Standards, (1977), "Methods of Sampling and Test for Industrial Effluents", Part – I, IS 2488, Indian Standard Institution, New Delhi, pp. 1-32.
- Dayal, R. and Dobhal, P.C. (1999), Some useful plants - prospects and possibilities, Book of papers, Dec, P. 83.
- Guljarani, M.L (1999), Present status of natural dyes, Book of papers, Convention on natural dyes, Department of textile technology, IIT, Delhi, Vol. XLVI, No.7, Pp. 3-5.
- Gupta, S.B. (2004), Research Methodology and statistical techniques, 31st Edition. Deep and Deep Publication, New Delhi, Pp. 104-111.
- Ingamell, W. (1993), Colour for Textiles – A User's Handbook, Selection of Dyes and Chemicals, Perkins House, England, pp. 11-47.
- Jackson, W.L., (1973), "Soil chemical analysis", Prentice Hall of India Private Ltd., New Delhi, pp. 46-50, 71-78.

NIN – Laboratory manual.

Raul, J. (2005), Textile testing, APH Publishing corporation, 5, Anasri Road, Darya Ganj, New Delhi, pp. 57, 58, 102, 103.

Textile – Britanica student encyclopedia, P. 173.

Journals

Agarwal, A. and Paul, S. (1993), Dyeing material from pomegranate Rind, Textile magazine, Vol. 34, No. 12, p. 45.

Agarwal, K. K. (2003), Problems and prospects of using natural dyes in an industrial enterprise, Colorage, June, Vol. L, No. 6, P. 37.

Agarwal, R., Pruthi, N., Saroj Jeet Singh, S.J. and Geeta Gabaa (2005), April, Vol. L, No. 1, P. 5.

Agarwal, S. and Gupta, K.C. (2003), Optimization of dyeing conditions for natural dye – madder roots (*Rubia Cordifolia*), Colorage, Oct, Vol. L, No. 10, p. 43, 45.

Agarwal, S. and Singh. I. (2003), Divergence analysis for quality traits in chick pea, Colorage, Vol. 16, June, No. 1, P. 12.

Alat, D.V. (2001), Recent developments in the processing of textile using enzymes, Colourage, No. 2, P. 33.

Alikhan, M., Khan, P.K. and Mohammad, F. (2005), Extraction of natural dyes from myrobalan, gallnut and pomegranate and then application on wool, Colorage, Dec, Vol. LII, No.12, P. 53.

Aly, Hebeish, A., Moustaja. A.B. and (2004), Bio technological treatment of cellulosic textiles, Journal of cleaner production, Textile Research Division, Cairo, P. 698.

Anita, D. and Jacob, M. (2003), Physical Properties of cotton Fabrics dyed with Henna Leaves, New clothe market, Jan, Vol. 17, No. 1, P. 79.

Arindam Basu, K.P. Chellamani (2005), Cotton fibre selection and grading, Colorage, September, P. 149.

Asley, R. (2003), Impact assessment of textile processing activity on surface water quality in India, Vol. L, No. 12, December, pp. 23 and 24.

Ansari, A.A and Thakur, (2000), Extraction characterization and application of natural dyes, Colourage, Textile colourants, Vol. XLVII, No. 7, P. 15.

Bains, S, Singh, O.P., Goraya and Kang, M. (2005), Dyeing of wool with peach prunes persica dye, Colourage, Aug, Vol. LII, No. 8, P. 61.

- Bains, S., Koshal Predkaur and Sumeet Kang (2005), *Colorage*, Vol. L, No. 1, pp. 5 and 51.
- Bains, S., Singh, O.P., Goraya, G. and Kang, M. (2003), Dyeing of Cotton with Mango (*Mangifera indica*) Dye, *Journal of Textile Association*, Vol. 64, No. 1, May-June, P. 23.
- Bansal, A. and Sood, A. (2001), Development vegetable dye in wool from Eupatorium leaf, *Textile magazine*, Jan, Vol. 42, No. 3.
- Bansal, A. and Sood, A. (2002), Development of Vegetable Dyes from Litchi Leaves, *Textile Magazine*, Vol. 42, No. 9, pp. 47-49.
- Basal, A. and Sood, A. (2003), Dyeing cotton yarns with Lilchi leaves. *Textile trends*, Aug, Vol. XLVI, No. 5, P. 31.
- Bansal, A and Sood, A, (2004), Dyeing cotton with berberry roots, *Textile trends*, March, Vol. XLVI, No. 12, P. 37.
- Bardhan, M.K. and Sule, A.D (2004), Recycling waste water from Process House, *The Indian textile Journal*, January, Vol. CXIV, No. 4, P. 13.
- Basu, A. and Gotipamul, L. (2003), Indian and imported cottons - Trends in fibre quality, *Textile trends*, June, Vol. XLVI, No. 3, P. 23.
- Basu, A. and Gotipamul, R.L. (2003), Advances in quality of kuilled yarns, *The Indian Textile Journal*, July, Vol. 113, No. 10, P. 17.
- Becerir, B. (2006), Comparison of different colour difference formulations in reactive dyeing of cotton fabrics, *Colourage*, July, Vol. LIII, No. 7, P. 49.
- Bello, K.A. and Abdul, M.A. (2003), Effect of dye bath acidity on dye absorptions and mechanical properties of wool fibre, *Journal of the Textile association*, July – Aug, Vol. 64, No. 2, P. 71.
- Bharani and Sadhana (1997), *Textile dyes and Prints*, Books of Papers Convention on Natural Dyes, Department of Textiles Technology, IIT, Delhi, Dec, P. 16.
- Bhattacharya, N. (1999), *Natural Dyes – Its authenticity and Identification*, Book of papers, Convention on natural dyes, Department of Textiles technology, IIT, Delhi, P. 134.
- Bhattacharya, N., Batra, S., Khedkar, K. (2004), Gamma irradiation of natural dyes, *colourage*, April, Vol. VI, No. 4, P. 31.

- Bhattacharya, S.K., Dutta, C. and Shattarjee, S.M. (2001), Optimization of extraction conditions of some natural colourants, *Manmade textiles of India*, Dec, Vol. XLIV, No. 12, P.484.
- Breeni, B. (2006), Comparison of dyes color difference formulations in reactive dyes of cotton fabrics, *Colourage*, July, Vol. LIII, No. 7, P. 49.
- Chakrabarthy, R. and Metha, N. (2005), Processing Terry Towels, Vol. LII, *Colourage*, December, P. 97.
- Chavan, R.B. (2001), Environmental Friendly Dyeing Processes for Cotton, *Indina Journal of fibre and Textile research*, Vol. 26, March-June, P. 93.
- Chavan, R.B. (2003), Developments in environment friendly functional finished for cotton fabrics and garments, *New cloth market*, December, Vol. 17, No. 12, P. 17, 18.
- Dalvi, P., Anthappan, P. Darade, N. Kanoongo and Adivarekar, R. (2006), Amylase and pectinase from single source for combined desizing and scouring, *Colourage*, Aug, Vol. LIII, No. 8, P. 49.
- Dayal, R., Dobhal, P.C. and Parcha, V. (2001), Natural Dye from *Pinus roxburghil* Bark and Needles, *Colourage*, March, Vol. XLVIII, No. 3, P. 27.
- Deo, H.T and Paul. R (1999), Mordant to develop totally eco friendly, *Indian Journal of Fibre and Textile Research*, June, Vol. 25, Pp. 217-220, 152-157.
- Deo, H.T. and Paul (2003), Dyeing of ecru denim with onion extract as a natural dye using potassium alum in Combination with Harda and tartaric acid, *Indian Journal of fibre and Textile research*, Sep, Vol. 25, Pp. 152, 153, 217.
- Deshwal, R. and Khambra, K. (2006), Effects of soap and detergents on bending length of cotton fabric, *Colourage*, Oct, Vol. LIII, No. 10, P. 55.
- Devi, A.S., Katyayini, V.K.L.T. and Sumantha, B.S. (2002), Annato – A Bright Natural Colourant for Cotton, *Textile trends*, Vol. XLV, No. 1, P. 29.
- Devi, A.S., Katyayini, V.K.L.T. and Sumanthy, B.S. (2002), Natural Green Shades from a Weed – *Eclipta prostrata*, *New clothes market*, Vol. 16, No. 5, pp. 13-16.
- Devi, A.S., Sumanthy, B.S. and Katyayini, V.K.L.T. (2002), *Eclipta Prostata* – A Weed Rich in Coloured Pigments for Silk, *Man made textiles of India*, May, P. 181.

- Dhandapani, S. and Selladurai. V. (2003), Optimisation of humidification system in spinning mills, *The Indian Textile Journal*, June, Vol. CXIII, No. 9, P. 27.
- Dheeraj, T, Priyanka, T and Manika, M. (2003), Eco friendliness of natural dyes, *Colourage*, July, Vol.---, No.----, P. 38
- Dheeraj, T., Monika, M. and Priyanka, T. (2003), Dyeing with turmeric colourage, *Colour Publications Pvt., Mumbai, Ltd.* July, Vol. 7, P. 50.
- Dhillon, R.S. (1995), Vegetable dyes on wool, *CSWRI Annual Report*, P. 53.
- Dudeja, V.D. (2002), Role of Human resource development and IT, *Journal of textile Association*, Jan-Feb, Vol. 62, No.4, P. 177.
- Encyclopaedia of Textiles* (2005), Judith Jerde, Book of papers, U.S.A., P. 240.
- Gang, A. Shinde and Gupta, K.C. (1991), Effect of Mordants on Colour of Natural Dye Extracted from Tessue Flowers, *Colourage*, Vol. 38, No. 3, P. 50.
- Ghuzhnavi. R. (2002), Revival of natural dyes in Bangladesh, *Proceedings colour congress 2002, The art, History and use of Natural dyes, USA.*
- Gill, P. and Singh, O.P. (2005), Dyeing wool with natural dyes and natural mordants, *Colourage*, Jan, Vol. LII, No. 1 P. 43.
- Gill, P. and Singh, O.P., (2003), Dyeing Wool with Asoka Bark, *Colourage* Vol. LII, No.3, P. 56.
- Giridev, P., Anthappan, P. and Darade, N. (2005), Environ talk – Pollution abatment approaches, Vol. LII, No. 12, December, P. 61.
- Goel, R. (2005), UV radiation and protection, *Colourage*, Oct, Vol. LII, No. 10, P. 87.
- Gohl, E. P.G. and Vilensky, L.D. (1983), *The Textile Science*, CBS Publishers and Distributors, New Delhi, pp. 125 and 147.
- Gohl, E.P.G. and Vilensky, L.D. (1987), *Textile Science, An Explanation of Fibre Propertier*, CBS Publishers and Distributors, New Delhi, pp. 40-50.
- Gulrajani, M.L. (2002), Application of Annato (Vegetable dyes), Vol.XLV, No.7, P. 3.
- Gulrajani, R.C., Srinivastava and M. Goel (2001), Colour garment of natural dyes on cotton yarns, *Coloration technology*, Vol. 117, No. 4, P. 185.

- Gupta (1999), Dyeing of silk with Natural dyes, *Colorage*, July, Pp. 35, 97.
- Gupta (1999), Fastness properties of natural dyes, *Colorage*, July, Vol. XLVI, No. 7, P. 35.
- Gupta, A. (1999), Packaging and communication in natural dyed products, P. 76.
- Gupta, S. (1999), Value Addition Through Design and Trend Applications, Internet shows the way, P. 71.
- HUDCO (2000), Housing and Financing, Publishing Division, Patiala House, New Delhi.
- Iyer, V. and Saxena, S. (1999), Handbook of cotton in India, Indian Society for cotton improvement, Mumbai, P. 376 – 379.
- Jajpura, S. Pai, R.S. and Khandual, A. (2004), Effluent Treatment in Textile Industries, *Textile Magazine, Colourage*, Vol. 45, No. 5.
- Jayapaliwal (2001), *Textile Magazine*, Gopali and Co, Chennai, No.11, Vol. 42, P. 79.
- Jeet, S.S., Yadav, S. and Gaba, G. (2003), Effect of Mordanting Method on Dye Absorption of Natural Dyes extracted from Rein *Wardtia* Flowers and Neem Leaves on Wool, *Colourage*, January, Vol. L, No. 1, P. 27.
- Jimenez, M. and Estape, N. (2004), The New pad-OX Process, Chemical Processing Seminar Special Issue, TAI (Mumbai Unit), January, *Colorage*, Vol.LI, No.1, P. 38.
- Kadolph.S.J. (2002), Four step process – natural dyeing, Comparison of Immersion and contact natural dye methods. Proceedings colour congress, the art, history and use of natural dyes. May, Ames, Iowa, USA, P. 19-21, 48
- Kale, T., Padmashini, R., Neelakandan, R. and Giridev, V.R. (2005), Supercritical carbon dioxide dyeing, *Colourage*, Vol.LII, No. 3, February, P. 27.
- Kapila, H. (1999), Natural Dyes – Holistic View, Book of papers, P. 23.
- Karolia, A. and Dilliwar, S. (2004), Natural yellow dyes from marigold flowers for leather, *Colourage*, June, Vol. LI, No. 6, P. 31.
- Khadi, K. (2004), *The textile Industry and trade Journal*, Vol.42, No.5.
- Khan, M.A., Khan, M. and Srivastava, P.K. (2004), Extraction of tea red dye and its application as wool, *Colourage*, June, Vol. LI, No. 6, P. 27.

- Khanda. R., Roshan, J. Paul. S and Asimananda (2004), Effluent treatment in textile industries, Textile magazine, March, Vol. 45, No. 5, P. 34.
- Kothari (2002), Difference between survey and experiment, Research Methodology, May, K.K. Gupta Publishers.
- Kothari, C.R. (2002), Research Methodology, Methods and Techniques, II Edition – Wishwa Prokashan.
- Kumar, P.E., Kulandaivelu and Boopathi, T.S. Sujatha, B. (2005), Eco-friendly natural dyes from Hibiscus vilifolins and Sesbania Aegyptiaca for dyeing, Colourage, Vol. LII, No. 10, p. 53.
- Kumar, P.S., Umasankar, P. and Sujatha, B. (2002), Ultrasonic Dyeing of Cotton Fabric with Cabbage Leaves, Man made textile India, Vol. XLV, No. 2, pp. 71-75.
- Kumar, R.S., Prakasam, J.R. and Wagle, N.P. (2003), Golden Yellow Dye from the Flowers of *Helichrysm bracteatum*, Colourage, Vol. L, No. 4, April, P. 39.
- Kurean Joseph (), A cleaner production approach for minimization of total dissolved solids in Reactive dyeing effluents, Centre for environmental studies, Anna University, Chennai.
- Lal (2003), Textile processing in India and its impact on surface water quality, Colorage, Oct, Vol. L, No. 10, P. 23.
- Lal, R.A. (2003), Water pollution by decentralized textile processing clusters, Colorage, July , Vol. LII, No. 7, P. 47.
- Lal, R.A. (2006), Impact of rapid economic growth in Environment, Colourage, November, Vol. LIII, No. II, Pp. 57, 58.
- Lal, R.A. and Nishkain, A. (2005), Woven fabric processing causes maximum water pollution, Colourage, Aug, Vol. LII, No. 8, P. 55.
- Lyle, D.S. (1982), Modern Textiles, John Wiley and Sons, New York, pp. 36, 48, 85 and 395.
- Lyre, N.D. (2000), Processor's Pen, Colourage, Vol. XLVII, No. 1, P. 65.
- Mahale, G, Sunanda, R.K. and Sakshi (2001), Eco dyeing of cotton with teak and its colour fastness, The textile industry and trade journal, Sep-Oct, Vol. 39, No. 9-10.
- Mahale, G., Sakshi and Sunanda, R.K. (2003), Colour Fastness of Parthenium Dyed Silk, Textile industry and trade journal, Vol. XLIV, No. 10, P. 35.

- Mahalingam, N. (2001), Cotton Textiles offer wider Opportunities, Vol .42, No. 9, P. 61.
- Mallik, S.K., and Goel, S. (2005), 24 Pollution Research, Environment Media, Vol. 24(2), ISSN 0257-8050, P. 261,
- Mathiyazhagan (2004), A national symposium on Environmental friendly textile processing – NSEFTP, Vol. LI, No. 3, March, P. 65.
- Mathur, A.R. (2002), Woven Wonder, The Tradition of Indian Textiles, Rupa and Co., New Delhi, P.25.
- Mayekar, A.J. (2002), Spunlaced and arilaid Non woven for medical textiles, Journal of textile Association, Nov-Dec, Vol. 63, No.4, P. 199, 200.
- Micheal, M.N., F.M. Tera and S.A. Aboelanswar (2003), Colour measurements and colourant estimation of natural red dyes on natural fabrics using different mordants, Colorage, Jan, Vol. L, No. 1, P. 31
- Mishra, S.P. and Rao, J.V. (2003), The knowledge and use of colour on textiles M.T. Re Fabric Vol. L, No. 4, P. 38.
- Mishra, S.P., Pattanaik, M., Mohapatra, P. and Namrate Das, N. (2000), Dyeing with Natural Dyes, Part IV: After Treatment of Lac Dye with Metallic salts, Serve well printers, Mumbai, Asian Textile Journal, September, pp. 78 and 79.
- Mishra, V. and Goel, A. (2000), Comparative Study of pure cotton and banana fibre blended fabric, Vol. 61, No. 3, P. 99.
- Mishra, V.K. and Kharbade, B.V. (1999), Extraction, purification and characterization of some natural dyes of papers, P. 297.
- Mishra. S.P. (2000), Dyeing with natural Dyes, Part I, Introduction, Asian Textile Journal, September, P. 38.
- Moses, J. (2003), A novel in-situ finishing treatment on cotton fabric, The textile Industry and trade Journal, Vol. 41, No. 7-8, P. 89,90-98.
- Mukerjee, A. (1999), Dyeing of cotton fabric with kigella pinnata, Spathodea, Companulata and Carissa congesta, P. 114.
- Muthiyazhagan (2004), Colorage, Mar, P. 65, 164.
- Nadigar, G.S. and Murabdhara, K.S. (2002), 3Ts:Textile committee in pursuit of brand promotion, The Indian textile journal, Oct, Vol. 113, No. 1, P. 51.

- Nagpal, M. (2007), Comparative study of different fixing agents used for two classes of reactive dyes – procion and ramazol brands, *Colourage*, January, Vol. LIV, No. 1, P. 33.
- Nair, A. and Bhattacharya, N. (2003), Effects of Bleaching on dyeing of coir with reactive dyes, *Colourage*, Vol. L, No. 11, November, P. 25.
- Nair, G.P. and Pandian, S.P. (2005), Technical textile, *Colourage*, Vol. LII, No. 2, P. 87.
- Nakamura, A. (2000), *Fibre Science and Technology*, Oxford and IBH Publishers, Delhi, pp. 185 and 188.
- Nallankilli, G. (1997), Application of Tannin in the colouration of textiles, *Textile Dyer and Printer*, Vol. XXX, No. 27, December, P. 13.
- Naresh. M. Saraf and Deepak, V. Alat (2005), Processing of Cotton – Solution Providers Sarax, *Colorage*, Nov, P. 73.
- Natarajan. K.S. (2004), BT Cotton : A review, *The Indian textile Journal*, January, Vol. CXIV, No. 4, P. 9, 10.
- Nayak, L. (2006), Clean technologies for textile processing, *Colourage*, April, Vol. LIII, No. 4, P. 143.
- Neetu, J. Sharma and Shahnaz, (2003), Dyeing wool by a combination of natural dyes obtained from onion skin and Klmara roots, *Colourage*, January, Vol.L, No.1, P. 43.
- Nishkam, A. and Verma, N. (2003), Enzymes in wet processing, *Colourage*, Vol. 113, No. 5, February, P. 37.
- NITRA (2003), A Profile, North India Textile Research Association, *Colourage*, Vol. L, No. 4, May, P. 85.
- Osayuande (1990), Fabric Strength, *Colorage*, Vol. XXXVIII, No. 12, P. 47.
- Padma, S. Vankar, Anuradha Mishra, Vandana Tiwari and Bhawna Ghorpade (2001), Ultrasonic energized dyeing of cotton fabric with cassia fistula bark (Amaltas), *Asian textile journal*, Nov, Vol. 10, No. 11, P. 55, 58.
- Paige, R.C. (2002), Perceptions of Naturally Dyed, Hand made Fiber Based Crafts, *Proceedings of Colour Congress 2002 : The Art, History and Use of Natural Dyes*, May 19-21, Ames, IOWA, USA.
- Paliwal, J. (2001), Effect of mordants on henna dyed cotton and silk fabrics, *Textile magazine*, September, Vol. 42, No. 11, P. 79.
- Pancha et al., (2001), *Colorage*, March, P. 27.

- Pardeshi, P.D. (2004), Specialty chemicals in wet processing of textiles, The Indian textile Journal, January, Vol. CXIV, No. 4, P. 25.
- Pardeshi, P.D. (2006), Recent development in bleaching of cotton, Colourage, March, Vol. LIII, No. 3, Pp. 41-45.
- Pardeshi, P.D., Manjrekar, S.G. (2003), Recent developments in wet processing, The Indian textile journal, Jan, Vol. 113, No. 4, P. 29.
- Pardeshi, P.D., Sujata and Manjrekar, G. (2002), Recent developments in wet processing, The Indian Textile Journal, January, Vol. 113, No. 4, P. 29.
- Pardeshi, S. Sujata and Manjrekar, G. (2003), Preparatory process is the first step towards quality, The Indian Textile Journal, Jan, Vol. CXIV, No.4, P. 29.
- Park, J, Park, K. and alover, J. (2004), Fabric properties a weak link in colour standard production, Colourage, April, Vol. VI, No. 4, P. 35.
- Patel, B.H., Agarwal, B. J., Solanky, D.D. and Panchel, J.J. (2006), Improving the environmental and economic aspects of cotton dyeing using vegetable dyes, Colorage, March, Vol. LIII, No. 3, P. 49.
- Patel, B.H., Agarwal, B.J., Patel, H.M. (2003), Noval Padding Techniques for dyeing Babool dye on Cotton, Colorage, January, Vol. L, No. 1, P. 21.
- Patil and Shukla (2006), Indian Journal of fiber and textile research, Vol. 25, P. 303, 304, Coloration, Vanlajes.
- Patil, K. (2003), Comparative Study of Fastness Properties of Silk Dyed with Synthetic and Natural Dyes, Journal of Textile Association, Vol. 64, No. 3, September – October, P. 137.
- Patodia, B. K. (2004), Role of TRA's strengthening Textile Industry, The textile Industry and trade journal, Vol. LI, No.3, P. 11.
- Paul and Shukla (2006), coloration, advantages. Vol. 25, No. 7, P. 303 – 304.
- Paul R. Jayesh, V.M. and Naik S.R. (1996), Natural dyes, Classification, extraction and fastness properties, Textile dyer and printer, P. 29, 22, 16, 23.
- Paul, S., Ekta Grover and Anshu sharma (2003), Oplimization of Dyeing process for cotton with natural dye obtained from kilmora roots, Journal of the textile association, Sep-Oct, Vol. 64, No. 3, P. 117.
- Paul, S., Grover, E. and Sharma, A. (2003), Eco friendly dyeing of wool with Jatropa dye, The textile Industry and Trade Journal, March-April, Vol. 41, No. 3, P. 33.

- Paul, S., Sharma, A. and Grover, E. (2003), Fastness preparation of natural dye (Hemalia patterns) on cotton, *Textile trends*, Sep, Vol.XLVI, No.6, P. 31.
- Paul, S., Sharma, A. and Grover, E. (2003), Optimization of Dyeing Process for Cotton with Natural Dye obtained from Kilmora Roots, Vol. 64, No. 3, P. 117.
- Paul,S. Grover, E. and Sharna, S. (2003), Dyeing of cotton with Eco – Friendly *Jatropha* flower dye, *Man made textiles in India*, April, Vol. XLV, No. 4, P. 139.
- Paul. S., Groer, E. and Sharma, A. (2006), Fastness properties of cotton dyed with eco friendly kilmore roots, *Colourage*, September, Vol. LIII, No. 9, P. 49.
- Phukan, R. and Phukan, A.R. (2004), Dyeing of Silk Yarn with the Heart Wood of Jack Fruit, *Textile trends*, Feb, Vol. XLVI, No. II, P. 29.
- Phukon, A. and Phukan, R. (2003), A study on Standardisation of condition of dyeing with bark of *Garcinia Xanthochymus* on silk yarn, *Textile trends*, January, Vol. XLV, No. 10, P. 39, 43.
- Phukon, A.R. and Phukon, R. (2003), A Study on Standardization of Dyeing with Bark of *Garcinia xanthochymus* on Silk Yarn, Vol. XLV, No. 11, P. 39.
- Prabaharan, M. and Rao, V. (2003), Development in continuous, combined and cold grey preparatory process of cotton materials – a review, *Colourage*, Feb, Vol. L, No. 2, P.25.
- Prabhakaran, M. and Venkata Rao (2003), Combined desizing, scoring and bleaching of cotton using ozone, *Indian Journal of fibre and textile research*, Dec, Vol. 28, No. 1, Pp. 437.
- Prabu and Arputharaj (2003), *Colorage*, Vol. -----, No.---, Feb, P. 31.
- Prabu, H.G. and A. Arputharaj (2003), Studies on cellulase treatment on cotton, *Colorage*, Feb, Vol.L, No.2, P. 31.
- Prabu, H.G. and K. Bharathimohan (2003), Electrocoagulation treatment for textile pretreatment water, *Colorage*, April, Vol. L, No. 4, P. 41.
- Rai (2004), *Biotechnology and Textiles*, 10th Special Issue – One day Seminar on chemical processing, Special Issue, *Colourage*, January, Vol. LI, No.1, P. 25-28.
- Rai, I. (2004), *Biotechnology and textiles*, *Colourage*, Special Issue, One day Seminar on Chemical processing, Jan 10th, TAI.

- Raja, P.D. (2004), Growth and Sent, Vol. 45, No. 5, Colourage, March, P. 28.
(45 years Publication)
- Rakesh Goyal and R.V. Deshpande (2006), May.
- Rakshi Shankar and Padma, S. Vankar (2005), Ultrasonic energized dyeing of wool with mirabilis Jalapa flowers, Colorage, Feb, Vol. LII, No. 2, P. 59.
- Rakshit, A.K. and Hira, M.A. (2003), Jechnologies for technical textiles in Powerlooms, The Indian textile Journal, January, Vol. 113, No. 4, P. 21.
- Ramachandralu, K. and Subramanian, M. (2003), Contamination, detection to improve yarn quality, Textile magazine, November, Vol. 45, No.1, P. 58.
- Ramakrishanan, K. (1999), In the golden era of natural and vegetable dyes, Natural Colourants, Vol. CX, No. 7, July, P. 29.
- Ramasamy, M. and Kandhasamy, V. (2003), Advanced weaving preparatory machines to ensure quality fabrics, Textile magazine, August, Vol. 44, No. 10, P. 61.
- Ranganathan, K. and Srivani, T. (1998), Effect of reactive dyes in selected cellulose fabrics (Unpublished data).
- Rani and O.P. Singh (2003), Dyeing of Polyester with flame of forest bark, Colorage, November, Vol. L, No. II, P. 31, 36.
- Rani and Singh, R. (2003), Standardisation of condition of dyeig with bark of Garcnia Xanthochyonus on silk yarn, Vol. L, No. 1, January, P. 39.
- Rani, A. and O.P. Singh (2004), History of Natural Dyes, Colorage, Mar, P. 45. (processing).
- Rani, A. and Singh, O.P. (2003), Dyeing of Polyster with Asoka Leaves, Textile trends, December, Vol. XLVI, No. 11, P. 29.
- Rani, A. and Singh, O.P. (2004), Dyeing of polyester with Indian black berry dye, Colourage, March, Vol. LI, No. 3, P. 21.
- Rushin, H. and Vadhani, R.H. (2003), Globalization and Indian Textile Industry, The Indian Textile Journal, Oct, Vol. 114, No. 1, P. 77.
- Saini, V.A. (2004), Processing natural fibre fabrics, The Indian textile journal, January, Vol. CXIV, No. 4, P. 110.

- Samanta, A.K. and Singhee, D. and Sethia, M. (2003), Application of single and mixture of selected natural dyes on cotton fabric, A scientific approach, *Colorage*, Oct, Vol. L. No. 10, P. 29.
- Sandeep Bains, O. P. Singh, Ganganpreet Goraya and Manpreet Kang (2003), Dyeing of cotton with Golden drop (*Onosma Echioides*) dye, *Journal of Textile Association*, Nov-Dec, Vol. 64, No. 4, P. 183.
- Sangeetha, K. and Ranganathan, (2002), Effect of selected natural dyes on Jute, *Proceedings, Colour congress*, Ma 19-21, Ames, Iowa, USA.
- Saraf, N. and Alat, D. (2005), Processing cotton knits in India, *Colorage*, September, Vol. LII, No. 9, P. 99.
- Saravanavel (1999), Interview, *Research methodology*, Kitab Mahal Agencies, Pp. 177-178.
- Sarkar, M.K., Sabu, S.K., Vinod Agwhotri and Roshan Paul (2004), Safety and pollution control in textile industry, *January*, Vol. LI, No. 3, P. 24.
- Sarkar, R.K. (2004), Emerging Opportunities for increasing production of technical textiles, *Textile Magazine*, January, Vol. 45, No. 13, P. 16.
- Sarkar, S.K. Agnihotri, S.V. and Paul, R. (2004), Safety and pollution control in Textile Industry, *Colorage*, Jan, Vol. LI, No. 1, Pp. 29-31.
- Saroj, S., Singh, S.J. and Yadav, S. (2001), Eco-Friendly Dyeing of Wool with Black Kikar, *Acacia nilotica*, *Textile magazine*, Vol. 42, No. 5, P. 49.
- Sekar, N. (1999), *Natural Dyes – Prospects and Future*, P. 35.
- Sengupta, S. (2001), Dyeing of cotton with coffee liquid as a natural dye, *Journal of textile association*, Nov, Dec, Vol. 62, No. 4, P. 161.
- Sengupta, S. (2001), Dyeing of cotton with coffee liquid as a natural dye, *Journal of the textile associates*, Nov-Dec, Vol. 63, No. 4, P. 161.
- Senthil Kumar, P., Umasankar, P. and Sujatha.B (2002), Ultrasonic dyeing of cotton fabric with cabbage leaves, *Man made textiles in India*. Feb, Vol. XLV, No. 2, P. 71.
- Shah, A. and Maheswari, R. (2006), Colour is a matter of perception and subjective interpretation, *March*, *Colorage*, Vol. LIII, No. 3, P. 87.
- Shankar, R. and Vankar, P. (2005), Ultrasonic energized dyeing of wool with *mirabilis jalapa* flowers, *Colorage*, Feb, Vol. LII, No. 2, P. 57.

- Shanmugam, N., Vevekanandan and Doke, S.S (2003), Pattern recognition in cotton data using Kohonen Neural net works, The Indian Textile Journal, June, Vol. CXIII, No. 9, P. 21.
- Sharadha Devi, A., Sumanthy, B.S., Katyayini, V.K.L.T. (2001), Annato, a Brigat Natural Colour Source, Textile magazine, May, P. 77.
- Sharma, A., Bansal, A., Rani, S. and Sood, A. (2007), Eupatorium – An excellent natural dye source for mulberry silk, Colourage, January, Vol. LIV, No. 1, P. 45.
- Sharma, M. (1998), Eco-Friendly Processing, Vol. CVII, May, P. 38.
- Sharma, Nectu Jahan and Shahnaz (2003), Colorage, Jan, P. 43.
- Sharma, P. and Gohlot, M. (2005), Mercerization of jute cotton blended fabric to improve dye ability, Textile trends, April, Vol. XLVI, No. 1, P. 31.
- Sharma, R.M. (2004), Recent trends and developments in Reactive dyes, New Cotton Market, March, Vol. 18, No. 3, P. 43.
- Sharma, V.C., Pal, A. and J.V. Rao (2003), Indian cotton, present status, bottle neck and reasons, The Indian Textile Journal, July, Vol. 113, No. 10, P. 23.
- Shenai, V.A. (2003), Effluent treatment and/or reuse of spent dye baths, Colorage, Feb, Vol. L, No. 2, P. 39.
- Shenai, V.A. (2003), Pretreatment developments, The Indian textile journal, June, Vol. CXIII, No. 9, P. 102.
- Shenai, V.A. (2003), Process update – Polyester dyeing, The Indian textile journal, April, Vol. 113, No. 7, P. 97.
- Shenai, V.A. (2004), Processing natural fibre fabrics, The Indian textile journal, January, Vol. CXIV, No. 4, P. 110.
- Sheth, G.N. and Musale, A.A. (2005), Single bath bio-scouring and bleaching of cellulosic yarn, knitted and woven fabrics, Colourage, November, Vol. LII, No. II, P. 49.
- Shivakumar, R., R. Jayaprakasan and N.P. Singh (2003), Investigation on new sources of eco-friendly natural dyes, April, Vol.112, No. 7, P. 39.
- Shivaleela, M. Hosamane, Shailaja D. Naik and B.M. Khadi (2004), Effects of Bleaching agents on naturally colour cotton yarns, The textile Industry and trade Journal, January – February, Vol. 42, No. 1-2, P. 29.

- Shukla, R. (2006), Sizing and scouring agents, Colourage, February, Vol. LIII, No. 2, P. 61.
- Shukla, S. (2005), Quality of raw material – the common chemicals, Colorage, Oct, Vol. LII, No. 10, P. 65.
- Shukla, S. (2005), Quality of raw materials, Colorage, Dec. Vol. LII, No. 9, P. 73.
- Shukla, S.K. (2006), Pollution Prevention in dye house, Colorage, May, Vol. LIII, No. 5, P. 73.
- Shukla, S.R. (2005), Changing Science in Colourants Industry, Vol. LII, No. 1, pp. 122-123.
- Shukla, S.R. (2005), Characterization of waste water, Colorage, April, Vol. LII, No. 4, P. 39, 40, 41.
- Shukla, S.R. (2005), Environ talk – Pollution abatement approaches, Colorage, Dec, Vol. LII, No. 12, P. 61.
- Shukla, S.R. (2005), Environmental aspects of Textile wet processing, Colourage, Feb, Vol. LII, No. 2, P. 73-76.
- Shukla, S.R. (2005), Production and application of cellular enzyme, Colorage, July, Vol. LII, No. 7, P. 41,42.
- Shukla, S.R. (2005), Quality of Raw materials, Colourage, August, Vol. LII, No. 8, P. 81.
- Shukla, S.R. and K.C. Maheswari (2002), Use of standing bath technique in peroxide bleaching of cotton, Coloration technology 118, Society of dyers and colorists, P. 75, wef ref 202, 206.
- Shukla, S.R. and Patil (2000), Colour matching on wool using natural and synthetic dyes, Indian Journal of fibre and textile research. Dec, Vol. 25, No.4, P. 303.
- Shukla, S.R., Ananthanarayan, L. and Damle, A.J. (2005), Production and application of amylase enzyme, Colourage, November, Vol. LII, No. 11, P. 43.
- Shukla, S.R., Natural Vs Synthetic, Colourage, November, Vol. LIII, No. II, P. 78.
- Sidhu, S.P., Mahajan, S. and Grewal, J. (2005), Effects of Mordants on colour fastness of Arjun bark – dyed silk. Textile magazine, March, Vol. 46, No. 5, P. 80.

- Singh and Agarwal (2003), Divergence analysis for quality traits in chick pea, *Colourage*, Vol. 16, No. 1, June, P. 12.
- Singh and Parmer, S.I. (2000), *Natural dyes*, Vol. 48, No. 8, pp. 23-24.
- Singh, M. and Bhattacharya, N. (2005), Compatibility of reactive dyes in dyeing with binary and ternary mixture, *Colourage*, November, Vol. LII, No. 11, P. 53.
- Singh, O.P. (2000), *Natural Dyes, The Pros and Cons*, ISSN 0019-6436, *Indian Textile Journal*, Vol. CX, No. 4, P. 42.
- Singh, O.P. and Bains (2003), Availability and utilization of natural dyes in Punjab, *Colorage*, January, V. L. No. 1, P. 49.
- Singh, O.P. and Bains, S. (2003), Dyeing of wool with mint (*Mentha pulengium*), dye, *Textile trends*, April, Vol. XLVI, No. 1, P. 35.
- Singh, O.P., Bains, S. and Goraya, G. (2003), Dyeing of wool mint (*Menta pullengium*) dye, *Textile trends*, April, Vol.---, No.----, P. 35.
- Singh, R. and Tiwari, S. (2005), Pretreatment of cellulose: An unright review part 2, *Colourage*, August, Vol. LII, No. 8, P. 81.
- Singh, S.J. and Gaba, G. (2003), Problems and awareness regarding natural dyes, *New cloth market*, November, Vol.---, No.----, P. 79.
- Singh. S., Yadav, J. and Beniwal, A. (2003), Indigenous dyes of Haryana, *Colorage*, Jan, Vol. L, No. 1, P. 53.
- Sivakumar, R, Jaya Prakasam, and Wagle, K. (2003), Golden Yellow dye from the flowers of *Helichrysum Bracteatum*, *Colourage*, April, Vol. L, No. 4, P. 39.
- Sivakumar, R., R. Jayaprakasan, N.P. Wagle (2003), Investigation on new sources of eco friendly natural dyes, *Colorage*, April, Vol. 4, P.
- Sivaramakrishnan, C.N. (2005), Peroxide killers, *Colorage*, Vol. LII, No. 7, July, P. 64.
- Sodhakar, R., K.N. Ninge Gowda and Padaki, N.V. (2006), Natural dyeing of silk with the nut extract of *Areca Catechu*, *Colorage*, July, Vol. LIII, No. 7, P. 61.
- Sood and Bansal, A. (2002), Jack fruit – *Artocarpus integrifolia* source of the dye Heart Wood, *Textile Asia*, P. 36.
- Sood, A. and Bansal, A. (2002), A Vegetable Dye for Cotton Yarns, *Textile Asia*, Vol. 33, No. 2, pp. 36-38.

- Sreerangarajan, R. (1999), Rural Entrepreneurship in natural and vegetable dyes, P. 268.
- Srivastava, M., Pareek, M. and Valentina (2006), A comparative study on dyeing of wool with kesta flowers and khakrakagond, Colourage, Feb, Vol. LIII, No. 2, P. 57.
- Stanford, S. and L. English, 1949. Use of flame photometer in rapid soil tests for potassium and calcium. Agron. J., Vol. 41, pp. 446-447
- Stoker, S., Gava, R. and Mackay, L. (2005), The biological treatment of waste water for textile and dyeing industry, Vol. LII, No. 12, P. 45.
- Storti, S., Gara, R. and Mackay, L. (2005), The biological treatment of waste water for textile and dyeing industry, Colourage, Dec, Vol. LII, No. 12, P. 45.
- Subbiah, B.V. and G.L. Asija, (1956), "A rapid procedure for estimation of available nitrogen in soils", Current Science, P. 25, 229-260.
- Sudhakar, K.N., Ninge Gowda and Padaki, N.V. (2006), Natural dyeing of silk with the nut extract of Areca catechu.
- Sujatha, B., Senthilkumar, P. and Umasankar, P. (2002), Ultrasonic dyeing of cotton fabric with cabbage leaves, Vol. XLV, No. 2, February, P. 71.
- Sule, A.D. and Bardhan, M.K. (1999), Objective Evaluation of Feel and Handle, Appearance and Tailorability of Fabrics, Part 1 : The FAST System of CSIRO, Kawabatta, Colourage, Vol. XLVI, No. 9, September, pp. 19-20.
- Suneeta, M.B. and Mahale, G. (2003), Dye from Parthenium Leaves, Man made textures in India May, Vol.40, No.4, P. 198.
- Suneetha, M.B. and Mahale, G. (2003), Colour fastness of Parthenium Dyed silk, The textile industry and trade journal, Jan-Feb, Vol. 41, No. 1, P. 49.
- Teli, M.D. Landage, S. and Sequeira, (2004), Low cost adsorbents to clarify textile effluents from heavy metals, Journal of the textile association, Nov/Dec, Vol. 65, No. 3, P. 127.
- Teli, M.D., Adivarekar, R.V., Shah, R. and Sabale, A.G. (2004), Dyeing of cellulose Triacetate with natural colourants, Journal of the Textile Association, March-April, Vol. 64, No. 6, P. 285.
- Teli, M.D., Adivarekar, R.V., Shah, R. and Sabale, A.G. (2004), Optimization of dyeing process for cotton with natural dye obtained from Kilmora

- roots, Journal of the Textile Association, Sep-Oct, Vol. 64, No. 3, P. 117.
- Teli, M.D., Adivasakar, R.V. and Pardeshi, P.D. (2004), Dyeing of pretreated cotton substrate with madder extract, *Colorage*, Feb, P. 23, Vol. LI, No.2, P. 23.
- Teli, M.D., Paul, R., and Pardeshi, P.D. (2000), Natural Dyes, Classification, Chemistry and Extraction Methods, *Colourage*, Vol. XLVII, No. 12, P. 51.
- Teli, M.D., Roshan Paul and P.D. Pardeshi *Colourage* A.P. (2001), P. 51.
- Teli, M.D., Adivarekar, R.V. and Pardeshi, P.D. (2002), Textile wet processing scenario at glance, *Journal of textile Association*, Nov-Dec, Vol. 63, No. 4, P. 161.
- The wealth of India, Raw materials (1959), CS/R, New Delhi, Indigenous dyes of Haryana.
- Tiwari, V., Ghaisa, S. and Vankar, S.V. (2000), Improved Dyeing of Hosiery Material and Cotton Fabric by Sonicator with at Root bark, Vol. 10, No. 2, pp. 111-114.
- Tomer, P. and Saroj.S. Jeet Singh (2004), Utilisation of Banyan (*Ficus Bengalensis*) Leaves for wool dyeing, *Textile trends*, Feb, P. 25.
- Tomer, P. and Singh, S.J. (2004), Utilization of Banyan (*ficus bengalensis*) leaves for wool dyeing, *Textile trends*, Feb, Vol. XLVI, No. II, P. 25.
- Tomer, P.T. and Singh, S.J. (2004), Utilization of Banyan leaves for wool dyeing, *Textile trends*, Feb, Vol.----, No.----, P. 25.
- Vaishnav, P. and Joshi, S. (2000), Chemistry and Dyeing of Cotton with various Classes of Dyes : Part – Direct Dyes, *The Textile Industry and Trade Journal*, P. 88. Wouters, J. (1999), *Journal of Society of Dyers and Colour*, Vol. 107, No. 718, P. 266.
- Vankar, P.S. (2004), Current Trends in Natural Dyes for Eco-Friendly Textiles, Vol. 39, No. 9-10, P. 19.
- Vankar, P.S., Ghorphade, B. and Jiwari, V. (2000), Eco-friendly cotton dyeing with sappan wood dye using ultra sound Energy, January, Vol. XLVII, No. 1, P. 27.
- Vanker, P.S., Tiwari, V. and Ghorpade, B. (2001), Microwave and sonicator dyeing of cotton fabric with the mixer of natural dyes using metallic mordants and bio mordants, *Asian textile journal*, January, Vol. 10, No. 1, P. 70.

Verma, N. and Nishkam, A. (2003), Enzymes in Wet Processing, The Indian textile journal, Feb, Vol. 113, No. 5, P. 37.

Wakankar, (2005), Sustainable development for minimization of environmental aspect, Colourage, Dec, Vol. LII, No. 12, P. 107.

Online reference

@ 2000, Rodney R. Baird, www.google.com

@ Rodney R. Basird, www.google.com

<http://www.dyesonline.net/dyes/historyind.htm>, 2006

Britannica (2006), Student Encyclopedia – Britanica online, <http://search.eb.com/cbi/article-92738617>

Britanica Student Encyclopedia – Britanica online [http://search.eb.com/ebi/article - 92738617](http://search.eb.com/ebi/article-92738617) All about hand dying > about dyes > natural dyes – Page created may 2006 – last update August 2005.

Janhon, S. Griffith, S.P., Watanesk, R. and Watanesk,S. (2004), Enhancement of lac dye adsorption on cotton fiber by polyethylenetmine dissent, pigments 63/231-237, www.sciencedirect.com.

More. S.B. and Ausley, L.W. (2004), Systems thinking and green chemistry in the textile industry: Concepts, Technologies and benefits, Journal of cleaner production (12) 584-601, USA, www.elsevier.com/locate/jelepro.

Ren (2000), Development of environmental performance indicators for textile process and product, Journal of cleaner production, www.cleanerproduction.com, P. 473, 474