

## BIBLIOGRAPHY

### Articles

- Adam, A., Yusof, Y., & Yahya, A. (2016). Extraction of pineapple leaf fibre: Josapine and moris, *ARPN Journal of Engineering and Applied Sciences*, 11(1), 161-165.
- Agrawal, E., & Rastogi, S., (2018). A study on properties of union fabrics developed with sisal fiber for textile application, *International Journal for Environmental Rehabilitation and Conservation*, 9(1), 1-5. [https://doi: 10.31786/09756272.18.9.SP1.151](https://doi.org/10.31786/09756272.18.9.SP1.151)
- Akhtar, A., Hossain, K. M., Khatun, S., & et. al. (2014). “Dyeing effect on silk-fabric with vegetables dye using green-coconut (cocos nucifera) shell” *IOSR Journal of Applied Chemistry (IOSR-JAC)*, 7(4), 23-26. [https://doi:10.1088/1755-1315/700/1/012034](https://doi.org/10.1088/1755-1315/700/1/012034)
- Alshehri, A. L., & Attia, F.N. (2023). Reinforcement and antibacterial properties of Hand embroidery threads based on green nanocoatings, *Coatings*, 13(747). <https://doi.org/10.3390/coatings13040747>
- Asim, M., Abdan, K., Jawaid, M., et al (2015). A Review on pineapple leaves fibre and its composites, *International Journal of Polymer Science, Special Issue*. <https://doi.org/10.1155/2015/950567>
- Costa, A. S., Ceron, A. A., Petreca, B. B., et al (2020). Fibers of cellulose sugarcane bagasse with bromelian enzyme immobilized to application in dressing, *SN Applied Sciences*, Springer Nature Journal, 2(285). <https://doi.org/10.1007/s42452-020-2100-1>
- Daukantiene, V., & Mikelionyte, K. (2020). Investigation of the influence of Technology parameters and thread type on embroidered Textile Element Quality, *Autex Research Journal*, 20(4), 518-523. <https://doi.org/10.2478/aut-2019-0046>
- Doshi, A., & Karolia, A. (2016). Optimization of Enzyme Treatment for Banana Fiber, *International Journal of Textile and Fashion Technology (IJTFT)*, 6 (2) 1-8. <https://ssrn.com/abstract=2786991>
- Ebrahim, S. F. (2012). The impact of sewing threads properties on seam pucker, *Journal of Basic and Applied Scientific Research*, 2(6), 5773-5780.
- Hanjabam, M. S., Devi, R. A., & Sharma M.B. (2005), Vegetable dyes used by the Meitei community of Manipur, *Indian Journal of Traditional Knowledge*, 4(1), 39-46.
- Huang, X.S., & Shen, D.Q. (2006). Degumming and dyeing of pineapple leaf fiber, *Journal of Textile Research*, 27(1), 75-77.

- Hwang, M. S. (2006). Contemporary Hemp weaving in Korea, *Textile Society of America Symposium Proceedings*, 347, 396-405.
- Islam, T., Karim, R. M., Roy, M. et al (2019). Dyeing properties of Banana fibre dyed with different dyes, *International Journal of Engineering and Advanced Technology (IJEAT)*, 9(1), 1510-1514. [https:// doi:10.35940/ijeat.A1285.109119](https://doi:10.35940/ijeat.A1285.109119)
- Ismoilov, K., Chauhan, S., Yang, M., & Heng, Q. (2019). Spinning System for Pineapple Leaf Fiber via Cotton Spinning System by Solo and Binary Blending and Identifying Yarn Properties, *Journal of Textile Science and Technology*, 5 (0) 86-91. <https://doi:10.4236/jtst.2019.54008>
- Juraidi, J. M., Shuhairul, N.Azuan., Syed, S. A., & et al. (2013) A comparison of tensile properties of polyester composites reinforced with pineapple leaf fiber and pineapple peduncle fiber”, *OP Conference Series: Materials Science and Engineering*, 50(1). <https://doi:10.1088/1757-899X/50/1/012071>
- Kamarudin, Z., & Yusof, M. (2016). Pineapple leaf fiber thread as a green and innovative instrument for textile restoration, *International Journal of Sustainable Future for Human Security J-sustainN*, 4(2) 30-35.
- Karatzani, A. (2021). The use of metal threads in the decoration of late and post-byzantine embroidered church textiles, *Open Edition Journals*, 48(0). <https://doi.org/10.4000/ceb.18830>
- Karim, R. ., Sultana, R., Barua, P., et al (2019). Production of Coir-Jute blended yarn: A comparative study on the performance of Jute and Coir-Jute Blended yarn, *Journal of Textile Science & Fashion Technology*, 3(1). <https://doi:10.33552/JTSFT.2019.03.000552>
- Kaur, A., & Chakraborty, J.N., (2015). Controlled eco-friendly shrink-resist finishing of wool using bromelian, *Journal of Cleaner Production*, 108(1), 503-513. <https://doi.org/10.1016/j.jclepro.2015.07.147>
- Khan, A. G.M., Md, S., Razzaque, A. S.M., et al (2009). Grafting of acrylonitrile onto bleached okra bast fibre and its textile properties, *Indian Journal of Fibre & Textile Research*, 34(0), 321-327.
- Koncer, P., Gurarda, A., Kaplangiray, B., et al (2014). The effects of sewing thread properties on the needle thread tension in an industrial sewing machine, *TEKSIL VE KONFEKSIYON*, 24(1), 118-123.
- Malou, R.J., Tita1, W., Perret, J., Singh, A., et al (2017). Effect of Pre-treatments in the Processing of Pineapple Leaf Fibers, *Advances in Food Science and Engineering*, 1(4), 196-205. <https://doi:10.22606/afse.2017.14006>

- Mohd, N. A. A., Ruznan, S.W., Suhaini, A.S., et.al (2023). “Morphology, Mechanical, and Color Strength, Properties of Infrared Dyed Pineapple Leaf Fibres”, *Textile Research Journal*, 93(11-12), 2681-2693. <http://dx.doi.org/10.1177/00405175221136291>
- Orjuela, C. C. J., Anaguano, H. A., & Restrepo, M.A. (2017). Sugarcane bagasse and its potential use for the textile effluent treatment, *Universidad Nacional de Colombia*, 84(203), 291-297. <https://doi:10.15446/dyna.v84n203.61723>
- Padzil F, Ainun Z, Abu Kassim MA, et al (2020). Chemical, Physical and Biological Treatments of Pineapple Leaf Fibre, Pineapple Leaf Fibers, Green Energy and Technology, *Springer Nature Singapore Pte Ltd.*, 73-90. [https://doi:10.1007/978-981-15-1416-6\\_5](https://doi:10.1007/978-981-15-1416-6_5)
- Pechimuthu, P., Pechimuthu, R., Basha, A. S., et al (2019). Production of cost effective, biodegradable, disposable feminine sanitary napkins using banana fibres, *International Journal of Engineering and Advanced Technology*, 9(1), 789-791. <https://doi:10.35940/ijeat.A1145.1291S41>
- Rejo, A., Adhiguna, R. T., & Rajagukguk, D. G. (2018). “Study of Natural Dyes and Pineapple Leaf Fibres growing locations within Plant Stems on dyeing intensity”, *1<sup>st</sup> SRICONEV 2018, E3S web of conferences*, 68 (0), 1030. <https://doi:10.1051/e3sconf/20186801030>
- Saikhom, D. J., Salam, S.J., Potshangbam, S. K., et al (2013) Biomedical Studies in Several dye yielding plants, *Notulae Scientia Biologicae*, 5(3), 303-308. <https://doi.org/10.15835/nsb539078>
- Sakthivel, J.C., Sivaraman, S. S., Sathish, J., et al (2020). Extraction and Characterisation of fibre from musa plant bract, *Indian Journal of Fibre & Textile Research*, 46 (0), 191-194. <https://doi:10.56042/ijfr.v46i2.36575>
- Sett, K. S., Mukhpadhyay, A., Biswas, M., et al (2016). Studies on the tensile behaviour of Ramie Blended Yarns, *American International Journal of Research in Science, Technology, Engineering & Mathematics*, 16(263), 227-229.
- Shirke, A., Narayankar, J., Shaikh, U.M., Satpute, T., S, S.(2018). Fabrication and characterization of pineapple fiber Reinforced Epoxy, *International Journal of Scientific & Engineering Research*, 9 (5).
- Singh Rao, A. (2017). A different approach towards Textile by Pineapple fiber, *Asian Journal of Multidisciplinary Studies*, 5 (9).
- Sricharussin, W., Ree-iam, P., Phanomchoeng, W., et al (2009). Effect of enzymatic treatment on the dyeing of pineapple leaf fibres with natural dyes, *ScienceAsia*, 35(0), 31-36. <https://doi:10.2306/scienceasia1513-1874.2009.35.031>

- Suvitha, L. (2021) Fabrication and evaluation of Agave Americana leaf fiber, *International Conference on Combinatorial and Optimization, ICCAP 2021, Proceedings, European Union Digital Library*. <https://doi:10.4108/eai.7-12-2021.2314639>
- Thilagavathi, G., Pradeep, E., Kannaian, T., et al (2010). Development of natural fiber non-wovens for application as car interiors for noise control, *Journal of Industrial Textiles*, 39(3), 267-277. <https://doi.10.1177/1528083709347124>
- Widowati, T., & Amalia, N.S. A. (2021). Utilization of pineapple leaf fiber (Ananas comosus) as material for false eyelashes production, *The 9<sup>th</sup> Engineering International Conference, IOP Publishing*, 700. <https://doi.10.1088/1755-1315/700/1/012034>
- Yassin, M. R. H., Hassan, N., & Sean, S. H. (2018). Experiment on Abaca fiber and its implementation in product making, 3<sup>rd</sup> International Conferences on Creative Media, Design and Technology (REKA 2018), *Advances in Social Sciences, Education and Humanities Research*, 207, 375-377. <https://doi:10.2991/reka-18.2018.83>
- Yidiz, Z.E., Pamuk, O. (2023). Effect of sewing threads properties on seam performance of recover fabrics, *TEKSIL VE KONFEKSIYON*, 33(3), 277-284. <https://doi:10.32710/tekstilvekonfeksiyon.1038913>
- Yusof, Y., Yahya, A. S., & Adam, A. (2014). A New Approach for PALF Productions and Spinning System: The Role of Surface Treatments, *Journal of Advanced Agricultural Technologies*, 1(2), 161-164. <https://10.12720/joaat.1.2.161-164>
- Yusof, Y., Nawi, A.N., & Alias, B. M. (2016). Pineapple leaf fiber and pineapple peduncle fiber analyzing and characterization for yarn production, *ARPN Journal of Engineering and Applied Sciences*, 11(6), 4197-4202.
- Yusofa, Y., Asia. S. Y., & Adama, A. (2015) Novel technology for sustainable pineapple leaf fibers productions, *12th Global Conference on Sustainable Manufacturing, proceedings, Eslevier*, 24 (0) 756-760.
- Zhuang, Z., Zhang, J., Li, M., et al.(2016). Optimizing the extraction of antibacterial compounds from pineapple leaf fiber, *Open life Sciences*, 11(1), 391-395. <https://doi:10.1515/biol-2016-0052>

### **Dissertation & Thesis**

- Agarwal, N. (2018). *An exploratory study on Pineapple fibers for its use in woven textiles*. An unpublished master's dissertation (F.C.Sc), The Maharaja Syajirao University of Baroda, Vadodara, Gujarat.

- Bado, R. (2019). The possibilities for value addition by priting methods of natural fiber Himalayannettle *Girardinia diversifolia*, *An unpublished Ph.D. thesis (Textile Design)*, *Banasthali Vidyapith, Rajasthan*.
- Bhardwaj, S. (2017). Study on Performance of Stinging Nettle/Acrylic blended Yarns and Fabric, *An unpublished Ph.D. thesis (Home Science)*, *Banasthali Vidyapith, Rajasthan*.
- Doshi, A. & Karolia, A. (2018). *Banana fiber to fabric process optimization for improving its spinnability and hand*, An unpublished Ph.D. thesis (F.C.Sc), The Maharaja Syajirao University of Baroda, Vadodara, Gujarat.
- Shroff, A. (2014). *An experimental study on bio-softening of cellulosic minor fiber for non-woven application*. Unpublished Master's dissertation (F.C.Sc), The Maharaja Sayajirao University of Baroda, Vadodara, Gujarat.
- Vashishtha, P. (2013) An experimental study on using waste flowers for extrctation od dye and development of colour palette on silk and wool, An unpublished master's dissertation (F.C.Sc), The Maharaja Syajirao University of Baroda, Vadodara, Gujarat.

## Books

- Askar, N, & crill, R. (1997). *Colours of the Indus, Costume and Textiles of Pakistan*. Merrell Publishers Ltd.
- Basak, S. & Bowmick, M. (2021). *Technical Textiles from Plant fibre*, FDP Book, National Institute of Natural Fibre engineering and Technology. (2021):96-102.
- Basak,S, & Bhowmick, M. (2021). *Technical textiles from plant fibre*. Faculty Development program book, Indian Council of Agricultural Research, Kolkata. (96-102).
- Booth JE. (1996). *Principles of textile testing*. CBS Publishers and distributors Pvt. Ltd.
- Borthakur, M. (2013). *Studies in northeast India Assamese Textiles*. Mittal publication. (139-143).
- Bowmick, M., & Basak, S. (2021). Processing of plant fibre for yarn development. *Faculty Development Program Book*. National Institute of Natural Fibre engineering and Technology.(74-79).
- Corbman, P. B. (1983). *Textiles, Fibre to Fashion*. (sixth edition) Mc Graw Hill Book Company.
- Das, A, K. (2017). *Traditional textiles of Northeast India: A catalogue of INGNCA collection*, Br. Publishing corporation.

- Das, A. (2021). Role of microbes in extraction and value addition of Natural Fibres. *Faculty Development Program Book*, National Institute of Natural Fibre engineering and Technology. (52).
- Debnath, S. (2017). *Sustainable Fibres and Textiles*. The textile Institute Book Series. (71-77).
- Dhamija, J, & Jain J. (1989). *Handwoven fabrics of India*, Mapin publication Pvt.
- Doraiswamy, I., Chellamani, P., & Gunasekaram, R. (1993). *Pineapple leaf from waste to wealth*. A project report, South India Textile Research Association.
- Gohl E.P.G., & Vilensky L.D.T. (1987). *Textile science*. CBS Publishers and Distributors Pvt Ltd.
- Kadolph, J, S. (2014). *Textile*. (11<sup>th</sup> edition). Pearson publication.
- Karolia, A. (2019). *Traditional Indian Handicrafted textiles*. Nyogi books.
- Kaur, N. (2010). Handloom of India, *Comdex Fashion Design, Vol. 1*, Dreamtech press. (286-295).
- Nayak, L. K. (2021). Upgraded machine for extraction of some under exploited plant fibres”, *Faculty Development Program Book*, National Institute of Natural Fibre engineering and Technology. (23).
- NCERT. (2014). Handwoven Traditional Textiles of Manipur, *Traditional Indian Textiles*. 58-74.
- Pandit, P., Pandey, R., & Single, K. (2020). *Pineapple leaf fibre: cultivation and production*, Springer Nature Singapore Pte Ltd.
- Parachuru, R., (2002). The Kawabata Evaluation System and its applications To produce/process enhancement, 2002 Beltwide Cotton conference, Atalanta, GA.
- Rastogi, D. & Chopra, S. (2017). Dyestuffs and their Application. *Textile Science*. Orient Blackswan Publication.290-292.
- Rastogi, M. (2009). “*Plant textiles*, Sonali Publication.
- Ratnapandiam, S. (2020) Natural Colorants and its Recent developments. *Sustainable Technologies for Fashion and Textiles*, Textile Institute of Book series. 192-197.
- Samanta, K. k. & Chattopadhaya, S. N. (2021). Improvement in aesthetic value of natural fibrous products through colouration. *Faculty Development Program Book*. National Institute of Natural Fibre engineering and Technology. (121-122).
- Vatsala, R. (2003). Dyes and Dyeing. *Textbook of Clothing and Textiles*. Indian Council of Agricultural Research. (111-113).

## Webliography

- ABC Fruits. (2024 March 7). *Pineapple Varieties in India, Seasons, and Economic Importance*. <https://www.abcfruits.net/pineapple-varieties-in-india-seasons-and-economic-importance/>
- ABC Fruits. (2024 January 24). *Pineapple Varieties in India, Seasons, and Economic Importance*. <https://www.abcfruits.net/pineapple-varieties-in-india-seasons-and-economic-importance/>
- Abrahart, E. N., & Stothers, J.B. (2024 March 25). *Dye*. <https://www.britannica.com/technology/dye>
- Agrifarming. (2019 June 10). *Pineapple farming, cultivation and Techniques*. [https://www.agrifarming.in/pineapple-farming#google\\_vignette](https://www.agrifarming.in/pineapple-farming#google_vignette)
- Aviva. (2021 September 29). *Let's talk natural dyes and chemistry!*. <https://thefoxandtheknight.com/lets-talk-natural-dyes-and-chemistry/>
- Bijak Totorial. (2022 September 20). *Everything You Need To Know About Pineapple Trade In India*. <https://blog.bijak.in/2022/09/20/pineapple-cultivation-trade-in-india/>
- Borah, N. (2022 October 05). *4 handmade textiles of Northeast India find mention in UNESCO report*. <https://www.indiatodayne.in/lifestyle/story/4-handmade-textiles-northeast-india-find-mention-unesco-report-454929-2022-10-05>
- Britannica. (2024 25 February). *Pineapple plant & fruits*. <https://britannica.com/plant/pineapple>
- Bureau, I.F.P. (2022 September 6). *Pineapple production: Manipur Ranks 6<sup>th</sup> in India in 2021-2022*. <https://www.ifp.co.in/manipur/pineapple-production-manipur-ranks-sixth-in-india-produces-13482-mt-in-2021-22>
- Cheynekoh. (2020 May 16). *Natural Dyes: Where they come from & their pros and cons*. <https://www.fabricoftheworld.com/post/natural-dyes-where-they-come-from-their-pros-and-cons>
- Dailyrecords. (2019). *Top ten largest pineapple producing States in India*. <https://www.dailyrecords.com>.
- Devi, P., Thangjam, M., Ladaniya, M. S., et al. (2013). *Pineapple-a profitable fruit crop for Goa*. <https://ccari.icar.gov.in/TB.No.35.pdf>
- Experience India. (2024 February 26). *Discover the history and heritage of Wangkheiphee*. <https://www.ibef.org/experience-india/products/wangkhei-pee>

- Fiber2fashion. (2010, July). *Advantages of Pineapple fiber*. <https://www.fiber2fashion.com>.
- Indian Culture. (2024 February 26). *Textiles of Manipur*. <https://indianculture.gov.in/node/2790509>
- Innovation snapshot. (2023 October 3). *Turning pineapple waste into natural textiles*, <https://springwise.com/innovation-snapshot/turning-pineapple-waste-into-natural-textiles/>
- Isha Encyclopedia. (2022 March 7). *Innaphi weaves of Manipur*. [https://sadhguru-encyclopedia.org/inaphi-weaves of Manipur/](https://sadhguru-encyclopedia.org/inaphi-weaves%20of%20Manipur/)
- Isha Shadhguru. (2022 March 7). *Rani phi*. <https://isha.sadhguru.org/en/outreach/save-the-weave/indian-weaves/rani-phi>
- Kiron, M. I. (2013, July 2013). *Jute Spinning Process – An Overview*. <https://textilelearner.net/jute-spinning-process/>
- Krishi Vigyan Kendra. (2023 December 6). *Pineapple in India*. <https://kvk.icar.gov.in/Pineapple-in-India/>
- Concord, D. (2021). *Pineapple Leather – Vegan Leather from Pineapple Fibers*. <https://www.libertyleathergoods.com/pineapple-leather/>
- Lifeasible. (2024 February 9). *Phytochemical test*. <https://www.lifeasible.com/custom-solutions/plant/analytical-services/phytochemical-analysis/phytochemical-tests/>
- Livesay, J. (2023 March 16). *Where do pineapples grow? An inside look at the complex history of the fruit's popularity*. <https://www.usatoday.com/story/money/food/2023/03/16/where-do-pineapples-grow-information-details/11377871002/>
- Manipur Organic Mission Agency (MOMA). *Pineapple- Ananas cosmosus*. <https://cmdashboard.mn.gov.in/departments/cm-flagships/manipur-organic-mission-agency-moma/>
- Meitei, M.N. (2020 June 4). *The Manipuri Leirum Phi- in our cultural legacy*. <https://www.imphaltimes.com/guest-column/the-manipuri-leirum-phi-in-our-cultural-legacy/>
- Mohammed, R. (2024 February 24). *Phanek: A Cultural Identity of Meitei Women*. [https://www.thisday.app/en/details/phanek-a-cultural-identity-of-meitei-women#google\\_vignette](https://www.thisday.app/en/details/phanek-a-cultural-identity-of-meitei-women#google_vignette)
- Mutua, B. (2012, July 28). *Tribal hand woven fabrics of Manipur part 1*. <https://www.E.pao.net>

- National Horticulture Board. (2002). *Pineapple*. [https://nhb.gov.in/report\\_files/pineapple/PINEAPPLE.htm](https://nhb.gov.in/report_files/pineapple/PINEAPPLE.htm)
- Oinam, N. S. (2018, June 25). *Textile Industry in Manipur*. <https://www.manipur.org/news/2018/06/24/textile-industry-in-manipur-e-pao-net/>
- Okoli, C.F. (2020 September 21). *Pineapple Wastes 1: Production dynamics and waste generation*. <https://researchtropica.com/pineapple-wastes-1-production-dynamics-and-waste-generation/>
- Ortiz, P. (2024 February 12). *27 different types of pineapples: an overview*. <https://housegrail.com/types-of-pineapples/>
- Pineapple India. (2008). *Pineapple cultivation in Manipur*. <http://pineappleindia.com/manipur.html>
- Plant Toolbox. (2023). *Ananas comosus*. <https://plants.ces.ncsu.edu/plants/ananas-comosus/>
- Raina, S. (2023 October 16). *To dye or not to dye. The fashion industry's natural dye conundrum*. <https://india.mongabay.com/2023/10/to-dye-or-not-to-dye-the-fashion-industrys-natural-dye-conundrum/>
- Sustainable fashion collective. (2019, June 4). *Pineapple Fibre*. <https://www.the-sustainable-fashion-collective.com>.
- Taiwo, O. (2023 March 16). *15 Different Types Of Pineapples*. <https://fruitonix.com/different-types-of-pineapples/>
- Textile learner (2012, February 14). *Jute Slip Draft Spinning Frame: Parts, specification, gearing diagram & calculation*. <https://textilelearner.net/jute-slip-draft-spinning-frame/>
- Textile Today. (2017, November 26). *Clothing made from pineapple fiber*. <https://www.TextileToday.com>.
- Textile value chain. (2020, August 5) *Pineapple Leaf fiber: From waste to prosperity*. <https://www.textilevaluechain.in>.
- Textiles of India. (2010, August 15) *Pina fabric*. <https://www.textilesof India.in>.
- The hindu. (2017). *Pineapple fiber comes handy for weavers*. <https://www.thehindu.com>.
- Zeebiz Webdesk. (2023 July 4). *Top ten pineapple producing states in India*. <https://www.zeebiz.com/web-stories/economy-infra/top-10-pineapple-producing-states-in-india-major-which-is-the-largest-producer--1688468760277>