

BIBLIOGRAPHY

1. Agarwal, G. (2016). Documentation of cellulosic minor fibers and developmental initiatives for its popularization (Unpublished Master's Dissertation). Department of Clothing and Textiles, Faculty of Family and Community Sciences, The Maharaja Sayajirao University of Baroda, Vadodara, India.
2. Anggono, J., Habibi, N. R., & Sugondo, D. S. (2014). Alkali treatment on sugarcane bagasse to improve properties of green composites of sugarcane bagasse fibers-polypropylene. *Ceramic Engineering and Science Proceedings*, 35(2), 139–149. <https://doi.org/10.1002/9781119031192.ch14>
3. Anuar, N., Mohd Adnan, A. F., Saat, N., Aziz, N., & Mat Taha, R. (2013). Optimization of extraction parameters by using response surface methodology, purification, and identification of anthocyanin pigments in melast. *The Scientific World Journal*, 2013, 1–10. <https://doi.org/10.1155/2013/810547>
4. Ariharasudhan, S., & Dhurai, B. (2017). Development of Hydrophobic Nonwoven Fabric for Oil Spill and Medical Applications. *International Research Journal of Pharmacy*, 8(8), 82–85. <https://doi.org/10.7897/2230-8407.088149>
5. Asagekar, S. D., & Joshi, V. K. (2014). Characteristics of sugarcane fibres. *Indian Journal of Fibre and Textile Research*, 39(2), 180–184.
6. Asif, Z., Chen, Z., An, C., & Dong, J. (2022). Environmental Impacts and Challenges Associated with Oil Spills on Shorelines. *Journal of Marine Science and Engineering*, 10(6). <https://doi.org/10.3390/jmse10060762>
7. Balaji, A., Karthikeyan, B., & Sundar Raj, C. (2015). Bagasse fiber – The future biocomposite material: A review. *International Journal of ChemTech Research*, 7(1), 223–233.
8. Barreto, A. C. H., Costa, M. M., Sombra, A. S. B., Rosa, D. S., Nascimento, R. F., Mazzetto, S. E., & Fechine, P. B. A. (2010). Chemically Modified Banana Fiber: Structure, Dielectrical Properties and Biodegradability. *Journal of Polymers and the Environment*, 18(4), 523–531. <https://doi.org/10.1007/s10924-010-0216-x>
9. Bayat, A., Aghamiri, S. F., Moheb, A., & Vakili-Nezhaad, G. R. (2005). Oil spill cleanup from sea water by sorbent materials. *Chemical Engineering and Technology*, 28(12), 1525–1528. <https://doi.org/10.1002/ceat.200407083>

10. Bazargan, A., Tan, J., & McKay, G. (2015). Standardization of oil sorbent performance testing. *Journal of Testing and Evaluation*, 43(6), 1271–1278. <https://doi.org/10.1520/JTE20140227>
11. Behnood, R., Anvaripour, B., Jaafarzade, N., Fard, H., & Farasati, M. (2013). Application of Natural Sorbents in Crude Oil Adsorption. *Iranian Journal of Oil & Gas Science and Technology*, 2(4), 1–11. <http://ijogst.put.ac.ir>.
12. Behnood, R., Anvaripour, B., Fard, N.J.H., & Farasati, M. (2016). Oil spill sorption using raw and acetylated sugarcane bagasse. *J. Cent. South Univ.*, 23, 1618-1625. doi: 10.1007/s11771-016-3216-8.
13. Bhagwate, S. (2006). *An experimental study on product development from Kenaf fibres* (Unpublished Master's dissertation). Department of Clothing and Textiles, Faculty of Home Science, The Maharaja Sayajirao University of Baroda, Vadodara, India.
14. Bhoj, R. (2015). *A comparative study on the effect of chemical and enzyme treatments on the softening of sisal fibre* (Unpublished Master's dissertation). Department of Clothing and Textiles, Faculty of Family and Community Sciences, The Maharaja Sayajirao University of Baroda, Vadodara, India.
15. Bhuvaneshwari, S., Hettiarachchi, H., & Meegoda, J. N. (2019). Crop residue burning in India: Policy challenges and potential solutions. *International Journal of Environmental Research and Public Health*, 16(5). <https://doi.org/10.3390/ijerph16050832>
16. Brindha, D., Vinodhini S., Alarmelumangai K., & Malathyet N.S.(2012). Physico-chemical properties of fibers from banana varieties after scouring. *Indian Journal of Fundamental and Applied Life Sciences*. 2 (1).217 – 222.
17. Bos A, Hamelinck C (2014) Greenhouse gas impact of marginal fossil fuel use. Project number: BIENL14773 .
18. Booth, J.E. (1996). *Principles of Textile Testing- An Introduction to Physical Methods of Testing Textile Fibres, Yarns and Fabrics*. New Delhi, CBS Publishers & Distributors Pvt. Ltd.
19. Bisanda, E.T.N.(2000). The effect of alkali treatment on the adhesion characteristics of sisal fibres, *Applied Composite Materials*, 7,331-39.
20. Carmody, O., Frost, R., Xi, Y., & Kokot, S. (2007). Surface characterisation of selected

- sorbent materials for common hydrocarbon fuels. *Surface Science*, 601(9), 2066–2076. <https://doi.org/10.1016/j.susc.2007.03.004>
21. Chattopadhyay, D. P., Samanta, A. K., Nanda, R., & Thakur, S. (1999). Effect of caustic pretreatment at varying tension level on dyeing behaviour of jute, flax and ramie. *Indian Journal of Fibre and Textile Research*, 24(1), 74–77.
 22. Chattopadhyay, D., & Umrigar, K. (2017). Chemical Modification of Waste Cotton Linters for Oil Spill Cleanup Application. *Journal of The Institution of Engineers (India): Series E*, 98(2), 103–120. <https://doi.org/10.1007/s40034-017-0107-y>
 23. Chen, M. J., Zhang, X. Q., Liu, C. F., & Shi, Q. S. (2016). Homogeneous Modification of Sugarcane Bagasse by Graft Copolymerization in Ionic Liquid for Oil Absorption Application. *International Journal of Polymer Science*, 2016. <https://doi.org/10.1155/2016/6584597>
 24. Chen, J.; Zhang, W.; Wan, Z.; Li, S.; Huang, T.; Fei, Y. (2019) Oil spills from global tankers: Status review and future governance. *J. Clean. Prod.* 227, 20–32.
 25. Chughtai, R.; Asif, Z.(2021) Study fate of pollutants due to oil spill in sea water through multimedia environmental modeling. *Int. J. Environ. Sci. Technol.* 18, 761–770.
 26. Chiparus, O. I. (2004). *Bagasse Fiber for Production of Nonwoven Materials*. June 1993, 122.
 27. Chung, S., Suidan, M. T., & Venosa, A. D. (2011). Partially acetylated sugarcane bagasse for wicking oil from contaminated wetlands. *Chemical Engineering and Technology*, 34(12), 1989–1996. <https://doi.org/10.1002/ceat.201100353>
 28. Collier, B. J., Collier, J. R., Agarwal, P., & lo, yu W. (1992). Extraction and Evaluation of Fibers from Sugar Cane. *Textile Research Journal*, 62(12), 741–748. <https://doi.org/10.1177/004051759206201207>
 29. Collier, J. R., Collier, B. J., Thames, J. L., and Elsunni, M. M. (1995), Production and Evaluation of Sugar Cane Geotextiles. Report submitted to Louisiana Transportation Research Center, Baton Rouge, Louisiana.
 30. Collier, B. J., & Arora, M. S. (1996). Water pretreatment and alkaline treatment for extraction of fibers from sugar cane rind. *Clothing and Textiles Research Journal*, 14(1), 1–6. <https://doi.org/10.1177/0887302X9601400101>

31. Costa, S. M., Costa, S. A., Pahl, R., Mazzola, P. G., Marcicano, J. P., & Pessoa Junior, A. (2013). Textile Fiber Produced From Sugarcane Bagasse Cellulose: an Agro-Industrial Residue. *International Journal of Textile and Fashion Technology (IJTFT)*, 3(2), 15–28.
32. Cetrel and Novozymes to Make Biogas and Electricity from Bagasse". Business Wire. 14 December 2009.
33. Das, P. K., Nag, D., Debnath, S., & Nayak, L. K. (2010). Machinery for extraction and traditional spinning of plant fibres. *Indian Journal of Traditional Knowledge*, 9(2), 386–393.
34. Desai, A. (2021). *An experimental study of fabric construction using minor fibers for sound resistant materials*. (Doctoral thesis). Department of Clothing and Textiles, Faculty of Family and Community Sciences, The Maharaja Sayajirao University of Baroda, Vadodara, India.
35. Dhange, V. K., Webster, L., & Govekar, A. (2012). Nonwovens in fashion apparel applications. *International Journal of Fiber and Textile Research*, 2(2), 12–20.
36. Dittenber, D. B., & Gangarao, H. V. S. (2012). Critical review of recent publications on use of natural composites in infrastructure. *Composites Part A: Applied Science and Manufacturing*, 43(8), 1419–1429. <https://doi.org/10.1016/j.compositesa.2011.11.019>
37. Doshi, A., & Karolia, A. (2016a). Process optimization for bleaching of banana fibres. *IJSR-International Journal of Scientific Research*, 5(6)362-365.
38. Doshi, A., & Karolia, A. (2016b). Optimization of enzyme treatment for banana fiber. *International Journal of Textile and Fashion Technology (IJTFT)*, 6(2), 1–8.
39. Dungani, R., Karina, M., Subyakto, Sulaeman, A., Hermawan, D., & Hadiyane, A. (2016). Agricultural waste fibers towards sustainability and advanced utilization: A review. *Asian Journal of Plant Sciences*, 15(1–2), 42–55. <https://doi.org/10.3923/ajps.2016.42.55>
40. Elsunni, M. M., and Collier, J. R. (1996). Processing of Sugar Cane Rind into Nonwoven Fibers. *Journal of American Society of Sugar Cane Technologists*, 16, 94 – 110.
41. Garner W. (1967) Textile lab manual. 5 (3)

42. Ghorbani, F., & Kamari, S. (2017). Application of response surface methodology for optimization of methyl orange adsorption by Fe-grafting sugar beet bagasse. *Adsorption Science and Technology*, 35(3–4), 317–338. <https://doi.org/10.1177/0263617416675625>
43. Guilherme, A. A., Dantas, P. V. F., Santos, E. S., Fernandes, F. A. N., & Macedo, G. R. (2015). Evaluation of composition, characterization and enzymatic hydrolysis of pretreated sugar cane bagasse. *Brazilian Journal of Chemical Engineering*, 32(1), 23–33. <https://doi.org/10.1590/0104-6632.20150321s00003146>
44. Gupta, S., & Tai, N. H. (2016). Carbon materials as oil sorbents: A review on the synthesis and performance. *Journal of Materials Chemistry A*, 4(5), 1550–1565. <https://doi.org/10.1039/c5ta08321d>
45. Hassan, M. L., El-wakil, N. A., & Sefain, M. Z. (2001). *Thermoplasticization of Bagasse by Cyanoethylation*. May 2000, 1965–1978.
46. Hussein, M., Amer, A. A., & Sawsan, I. I. (2009). Oil spill sorption using carbonized pith bagasse. Application of carbonized pith bagasse as loose fiber. *Global Nest Journal*, 11(4), 440–448. <https://doi.org/10.30955/gnj.000539>
47. Idris, J., Eyu, G. D., Mansor, A. M., Ahmad, Z., & Chukwuekezie, C. S. (2014). A Preliminary Study of Biodegradable Waste as Sorbent Material for Oil-Spill Cleanup. *The Scientific World Journal*, 1–5. <https://doi.org/10.1155/2014/638687>
48. Jugwanth, Y., Sewsynker-Sukai, Y., & Gueguim Kana, E. B. (2020). Valorization of sugarcane bagasse for bioethanol production through simultaneous saccharification and fermentation: Optimization and kinetic studies. *Fuel*, 262, 1–10. <https://doi.org/10.1016/j.fuel.2019.116552>
49. Kaplan, N., S. (2008). *Textile Fibres*. 19-20, Abhishek publications, Chandigarh.
50. Kalia, S., Thakur, K., Celli, A., Kiechel, M. A., & Schauer, C. L. (2013). Surface modification of plant fibers using environment friendly methods for their application in polymer composites, textile industry and antimicrobial activities: A review. *Journal of Environmental Chemical Engineering*, 1(3), 97–112. <https://doi.org/10.1016/j.jece.2013.04.009>
51. Kannojiya, R., Gaurav, K., Ranjan, R., Tiyyer, N. K., & Pandey, K. M., (2013). Extraction of pineapple fibers for making commercial products. Department of Mechanical Engineering, N.I.T. Silchar, Assam. *J. Environ. Res. Develop.* 7(4), 1385–

- 1390.
52. Kanimozhi, M. (2012), Development of Nonwoven Fabrics Using ansevieria roxburghiana and Agave vera-cruz Mill Fibres for Selected Automobile Acoustic Applications. A Dissertation Submitted to Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore.
 53. Korhonen, J. T., Kettunen, M., Ras, R. H. A., & Ikkala, O. (2011). Hydrophobic nanocellulose aerogels as floating, sustainable, reusable, and recyclable oil absorbents. *ACS Applied Materials and Interfaces*, 3(6), 1813–1816. <https://doi.org/10.1021/am200475b>
 54. Krishnaswamy, K., Vali, H., & Orsat, V. (2014). Value-adding to grape waste: Green synthesis of gold nanoparticles. *Journal of Food Engineering*, 142(), 210–220. <https://doi.org/10.1016/j.jfoodeng.2014.06.014>
 55. Leão, R. M., Luz, S. M., Araujo, J. A., Moura, A. S., & Christoforo, A. L. (2013). Statistical analysis and mechanical behavior for polypropylene composites reinforced with benzoylated sugarcane fibers. *ICCM International Conferences on Composite Materials, 2013-July(2)*, 8833–8840. <https://doi.org/10.4172/2155-9821.1000269>
 56. Mahapatra, N.N. (2015). Textile Technology. New Delhi: A.P.H. Publishing Corporation.
 57. Maity, S. (2016). Akund floss fibre An alternative to cotton. *Asian Textile Journal*, 25(8), 43-46.
 58. Michel, D., Bachelier, B., Drean, J., Harzallah, O. (2014). Preparation of cellulosic fibers from sugarcane for textile use. *Conference Papers in Materials Science, 2013, 1-7*, <http://dx.doi.org/10.1155/2013/651787>
 59. Mir, S. S., Hasan, S. M. N., Hossain, M. J., & Hasan, M. (2012). Chemical modification effect on the mechanical properties of coir fiber. *Engineering Journal*, 16(2), 73–83. <https://doi.org/10.4186/ej.2012.16.2.73>
 60. Mohit, H., & Arul Mozhi Selvan, V. (2019). Thermo-mechanical properties of sodium chloride and alkali-treated sugarcane bagasse fibre. *Indian Journal of Fibre and Textile Research*, 44(3), 286–293.
 61. Mohanty, A.K., Khan, M.A. & Hinrichsen, G.(2000). Influence of chemical surface modification on the properties of biodegradable jute fabrics-polyester amide composite,

- Composites: Part A, 31, 143-150.
62. Nayak, L.K., Nag, D. & Banik, S. (2016). Extraction, characterization and application of pineapple leaf fiber. *Journal Indian Social Coastal agriculture Research*, 34 (1), 77-80.
 63. Omole, J., & Dauda, B. (2016). Fourier Transform Infrared Spectroscopy (FTIR) and Scanning Electron Microscopy (SEM) Analysis of Chemically Treated Bagasse Fibre. *American Chemical Science Journal*, 15(2), 1–9. <https://doi.org/10.9734/acsj/2016/24912>
 64. Osamor, A., & Momoh, Z. (2015). An Evaluation of the Adsorptive Properties of Coconut Husk for Oil Spill Cleanup. *Conference paper on Advances in Applied science and Environmental Technology - ASET*, 33–37. <https://doi.org/10.15224/978-1-63248-040-8-38>
 65. Ortega, Z., Morón, M., Monzón, M. D., Badalló, P., & Paz, R. (2016). Production of banana fiber yarns for technical textile reinforced composites. *Materials*, 9(5), 1–16. <https://doi.org/10.3390/ma9050370>
 66. Paturau, J. M. (1989). By-Products of the cane sugar industry: An introduction to their industrial utilization, 3rd Edition , *Elsevier*, Amsterdam.
 67. Praba Karana, C., Rengasamy, R. S., & Das, D. (2011). Oil spill cleanup by structured fibre assembly. *Indian Journal of Fibre and Textile Research*, 36(2), 190–200.
 68. Quinn, B (2010). Textile future: Fashion, Design and Technology, pp.7-9, Berg, Oxford international publishers ltd, New York.
 69. Radetić, M. M., Jocić, D. M., Jovančić, P. M., Petrović, Z. L., & Thomas, H. F. (2003). Recycled wool-based nonwoven material as an oil sorbent. *Environmental Science and Technology*, 37(5), 1008–1012. <https://doi.org/10.1021/es0201303>
 70. Rakshit, A.; Hira, M.; Gangopadhyay, U. K. (2007). Technical Textiles – What India need to do now. *Texsummit*, 2(10), 1–15.
 71. Rekha, V. B., Ramachandralu, K., & Rasigha, T. (2013). *Journal of Fashion Textile Engineering Enhancing the Absorbency of Bagasse through Enzymatic Delignification*. 1–5.
 72. Rezende, C. A., De Lima, M., Maziero, P., Deazevedo, E., Garcia, W., & Polikarpov, I.

- (2011). Chemical and morphological characterization of sugarcane bagasse submitted to a delignification process for enhanced enzymatic digestibility. *Biotechnology for Biofuels*, 4(November). <https://doi.org/10.1186/1754-6834-4-54>
73. Reddy, N., Yang, Y. (2005). Biofibers from agricultural by products for industrial applications. *Trends in Biotechnology* 23 (1) 22-27.
 74. Reddy, N. & Yang, Y.(2015). Natural Cellulose Fibers from Corn stover. *Innovative Biofibers from Renewable Resources*, Springer-Verlag Berlin Heidelberg, 5-7.
 75. Romanoschi, O. (1998). *Processing of value-added textile and geotextile products from sugarcane and kenaf*. (Doctoral thesis).The Department of Engineering Science, Louisiana State University, Louisiana, United States.
 76. Sachdeva, P. K., & Chanana, B. (2015). Agro- residues : Potential fibers for textile industry. *International Journal of Applied Home Science*, 2(11), 351–358.
 77. Sachdeva, P. K., Chanana, B., & Parmar, M. S. (2018). Manufacture of ring spun blended yarn from waste biomass of sugarcane stalk (sugarcane bagasse). *International Journal of Applied Home Science*, 5 (2),363-369.
 78. Sadh, P. K., Duhan, S., & Duhan, J. S. (2018). Agro-industrial wastes and their utilization using solid state fermentation: a review. *Bioresources and Bioprocessing*, 5(1), 1–15. <https://doi.org/10.1186/s40643-017-0187-z>
 79. Said, A. E. A. A., Ludwick, A. G., & Aglan, H. A. (2009). Usefulness of raw bagasse for oil absorption: A comparison of raw and acylated bagasse and their components. *Bioresource Technology*, 100(7), 2219–2222. <https://doi.org/10.1016/j.biortech.2008.09.060>
 80. Sengupta, S., Das, U., Chakrabarti, R., & Saha, S.(2003). A new Agro-tech protective fabric from agro waste. *Man-Made Textiles in India*, 46, 382-87.]
 81. Shroff, A. (2014). An experimental study on bio-softening of cellulosic minor fiber for non-woven application. Unpublished Master's Thesis, Clothing and Textiles, The Maharaja Sayajirao University of Baroda.
 82. Singh, V., Jinka, S., Hake, K., Parameswaran, S., Kendall, R. J., & Ramkumar, S. (2014). Novel natural sorbent for oil spill cleanup. *Industrial and Engineering Chemistry Research*, 53(30), 11954–11961. <https://doi.org/10.1021/ie5019436>

83. Siwayanan, P., Ramachandran, D. G., Jamaluddin, R., & Ahmad, S. (2020). Oil spill removal using kenaf core fibers as biosorbent material. *IOP Conference Series: Materials Science and Engineering*, 778(1). <https://doi.org/10.1088/1757-899X/778/1/012003>
84. Smithers, J.(2014) Review of sugarcane trash recovery systems for energy cogeneration in South Africa. *Renew. Sustain. Energy Rev.*32, 915–925
85. Sun, X. F., Sun, R. C., & Sun, J. X. (2004). Acetylation of sugarcane bagasse using NBS as a catalyst under mild reaction conditions for the production of oil sorption-active materials. *Bioresource Technology*, 95(3), 343–350. <https://doi.org/10.1016/j.biortech.2004.02.025>
86. Sutar, M. S. (2017). Oil Spillage Treatment Using Sorbent. *International Conference Proceeding ICGTETM Dec 2017*, 302–311.
87. Sugarcane production in 2020, Crops/Regions/World list/Production Quantity (pick lists)". UN Food and Agriculture Organization, Corporate Statistical Database (FAOSTAT). Retrieved on 28 March 2022.
88. Teli, M. D., & Valia, S. P. (2016). Effect of substrate geometry on oil sorption capacity of raw and chemically modified jute fibre. *IRA-International Journal of Technology & Engineering (ISSN 2455-4480)*, 3(3), 138–147. <https://doi.org/10.21013/jte.v3.n3.p4>
89. Textilverband Schweiz. (n.d.). *Technical Textiles SWISS Innovations as Solutions to Global Challenges - SWISS TEXTILES*. http://www.swisstextiles.ch/cms/upload/dokumente/Publikationen/Brochure_Technical_Textiles_Web.pdf
90. Thilagavathi, G., & Praba Karan, C. (2019). Investigations on oil sorption capacity of nettle fibrous assembly and 100% nettle and nettle/kapok blended needle-punched nonwovens. *Journal of Industrial Textiles*, 49(4), 415–430. <https://doi.org/10.1177/1528083718787532>
91. Thilagavathi, G., Praba karan, C., & Das, D. (2018). Oil sorption and retention capacities of thermally-bonded hybrid nonwovens prepared from cotton, kapok, milkweed and polypropylene fibers. *Journal of Environmental Management*, 219, 340–349. <https://doi.org/10.1016/j.jenvman.2018.04.107>
92. Ticoalu, A., Aravinthan, T., & Cardona, F. (2010). A review of current development in natural fiber composites for structural and infrastructure applications. *Southern Region*

- Engineering Conference 2010, SREC 2010 - Incorporating the 17th Annual International Conference on Mechatronics and Machine Vision in Practice, M2VIP 2010*, November, 113–117.
93. Textile Progress. (2012). Composite Nonwovens, The Textile Institute by Taylor & Francis, U.K, 44(1).
 94. Tserki, V., Zafeiropoulos, N. E., Simon, F., & Panayiotou, C. (2005). A study of the effect of acetylation and propionylation surface treatments on natural fibres. *Composites Part A: Applied Science and Manufacturing*, 36(8), 1110–1118. <https://doi.org/10.1016/j.compositesa.2005.01.004>
 95. Vijju, S., & Thilagavathi, G. (2019). Oil Spill Cleanup by Bonded Nettle Fibrous Mat. *Journal of The Institution of Engineers (India): Series E*, 100(1), 93–100. <https://doi.org/10.1007/s40034-018-0131-6>
 96. Wei, Q. F., Mather, R. R., & Fotheringham, A. F. (2005). Oil removal from used sorbents using a biosurfactant. *Bioresource Technology*, 96(3), 331–334. <https://doi.org/10.1016/j.biortech.2004.04.005>
 97. Wei, Q. F., Mather, R. R., Fotheringham, A. F., & Yang, R. D. (2003). Evaluation of nonwoven polypropylene oil sorbents in marine oil-spill recovery. *Marine Pollution Bulletin*, 46(6), 780–783. [https://doi.org/10.1016/S0025-326X\(03\)00042-0](https://doi.org/10.1016/S0025-326X(03)00042-0)
 98. Yang, Y. (2004). Textile fibres from cornhusk. *Indian Textile Journal*, 114 (7), 119.
 99. Youssef, A. M., El-Gendy, A., & Kamel, S. (2015). Evaluation of corn husk fibers reinforced recycled low density polyethylene composites. *Materials Chemistry and Physics*, 152, 26–33. <https://doi.org/10.1016/j.matchemphys.2014.12.004>
 100. Yang, M., Wang, J., Chen, Y., & Gao, J. (2020). Biochar produced from cotton husks and its application for the adsorption of oil products. *IOP Conference Series: Earth and Environmental Science*, 545(1). <https://doi.org/10.1088/1755-1315/545/1/012022>
 101. Zamare, D., Vutukuru, S., & Babu, R. (2016). Biosynthesis of Nanoparticles From Agro-Waste: a Sustainable Approach. *International Journal of Engineering Applied Sciences and Technology*, 1(12), 85–92. <http://www.ijeast.com>
 102. Zhang, Y., Yang, S., Wu, J. Q., Yuan, T. Q., & Sun, R. C. (2014). Preparation and characterization of lignocellulosic oil sorbent by hydrothermal treatment of Populus fiber. *Materials*, 6(9), 6733–6747. <https://doi.org/10.3390/ma7096733>

103. Zhang, J., Zhang, H., & Zhang, J. (2014). Effect of alkali treatment on the quality of hemp fiber. *Journal of Engineered Fibers and Fabrics*, 9(2), 19–24.
<https://doi.org/10.1177/155892501400900202>

Website Bibliography

- Retrieved from <http://pib.nic.in/newsite/PrintRelease.aspx?relid=148566>.
Accessed on 09/08/2016.
- Retrieved from http://www.agritech.tnau.ac.in/expert_system/sugar/botany&climate.html.
Accessed on 13/5/2021.
- Retrieved from <https://www.google.com/search?q=structure+of+sugarcane+stalk&sxsrf>
Accessed on 14/5/2021.
- Retrieved from <https://www.researchgate.net/figure/The-sugarcane-plant-morphology>.
Accessed on 14/5/2021
- Retrieved from <https://farmer.gov.in/cropstaticssugarcane.aspx>. Accessed on 20/03/2023
- Retrieved from https://en.wikipedia.org/wiki/Technical_textile
- Retrieved from https://en.wikipedia.org/wiki/Oil_spill
- Retrieved from <https://www.weforum.org/agenda/2021/10/oil-spill-environment-ocean/>
- Retrieved from <https://www.thoughtco.com/environmental-consequences-of-oil-spills-1204088>
- Retrieved from <http://www.indiantextilejournal.com/articles/FAdetails.asp?id=1999>
- Retrieved from https://en.wikipedia.org/wiki/Oil_spill
- Retrieved from https://en.wikipedia.org/wiki/Technical_textile
- Retrieved from <https://en.wikipedia.org/wiki/Sugarcane>
- Retrieved from <http://www.naturalfibres2009.org/en/fibres/>
- Retrieved from <http://www.naturalfibres2009.org/en/iynf/responsible.html>
- Retrieved from www.techno-preneur.net
- Retrieved from <https://www.indiascience.in/videos/utilization-of-agricultural-waste>
Accessed on 27/03/2022