

Publications of IJIRA
(Arranged Chronologically : Starting from 1938)

* Reprints not Available

| Sl. No. | Title | Journal/ Magazine/ Periodicals etc. | Author | Volume, No., Pages , Year |
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| 1. | Scientific research in Indian Jute Manufacturer | Journal of the Royal Society of Arts | S. G. Barker | Volume 86 Page 458-481 Published on 1938 |
| 2. | Rot-proofing of textile | Chemistry & Industry | S. G. Barker | Volume 57 Page 1222-1229 Published on 1938 |
| 3. | Comparative observations on the swelling of jute fibres : Part I | Journal of The Textile Institute | W. G. Macmillan M. K. Sen | Volume 30 Page T 73 -T 84 Published on 1939 |
| 4. | An apparatus for rapid aging and weathering tests on jute and other fabrics | Industrial Fibres Review | S. G. Barker | Published on June, 1939 |
| 5. | (The) Science of jute | Journal of the Textile Institute | S. G. Barker | Volume 30 Page 273-304 Published on 1939 |
| 6. | Observations on the swelling of Jute fibres | Journal of the Textile Institute | W.G. Macmillan | Volume 30 Page P305-P310 Published on 1939 |
| 7. | Comparative observations on the swelling of jute fibres : Part II | Journal of the Textile Institute | W.G. Macmillan M. K. Sen | Volume 32 Page T45-T56 Published on 1941 |
| 8. | (The) Industrial significance of jute research | Science & Culture | W.G. Macmillan | Volume 6 Page 466-571 Published on 1940-41 |
| 9. | (The) Care , maintenance and treatment of sandbag revetments | IJMARI Information Pamphlet | W.G. Macmillan | Published on 1942 |
| 10. | A note on the rot-proofing of sandbags by mills for the period Oct 1941- March 1942 | IJMARI Information Pamphlet | W.G. Macmillan | Published on 1942 |
| 11. | The use of vegetable oils for lubrication purposes | IJMARI Information! Pamphlets | W.G. Macmillan | Published on 1942 |
| 12. | (The) Adsorption of water by jute | Journal of the Textile Institute | A. Powrie J.B. Speakman | Volume 34 Page T77-T96 Published on 1943 |
| 13. | The applied physicist in the textile industries | Applied Physics Alumni Annual (Calcutta University) | W.G. Macmillan | Page 7-12 Published on 1943 |
| 14. | Indigenous antiseptics with particular reference to their use in sizing mixtures | Bengal Ind. Res. Board , Bulletin, Govt. of W.B. Deptt. of Industries | W.G. Macmillan I.E. Chakraverti | Bulletin No 109 Published on 1944 |
| 15. | Jute fabric / shellac laminates | Current Science | W.G. Macmillan | Volume 14 Page 202-203 Published on 1945 |
| 16. | Moisture relationships of jute , Part I - adsorption isotherm and heat of wetting | Journal of the Textile Institute | W.G. Macmillan R.R. Mukherjee M.K. Sen | Volume 37 Page T13 - T24 Published on 1946 |
| 17. | Jute and the chemical industry | Chemistry & Industry | W. G. Atkins | No 6 Page 58 - 61 Published on 1946 |
| 18. | Observations on jute and cellulose decomposing micro-organisms - Part I - the effect of the nutrient medium on sporulation of Chaetomium Chartarum Berkeley and Chaetomium Globosum Kunze | Indian Journal of Agricultural Science | S. N. Basu | Volume 16 Page 100 - 102 Published on 1946 |

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| 20. | Certain physical properties of jute fibre | Applied Physics Alumni Annual (Calcutta University) | R. R. Mukherjee | Page 20 - 23 Published on 1946 |
| 21. | (The) Fineness of textile fibres | Applied Physics Alumni (Calcutta University) | M. M. Roy | Page 29 - 32 Published on 1946 |
| 22. | (The) Action of light upon jute | Nature | H. J. Callow | Volume 159 Page 309 Published on 1947 |
| 23. | The detection & estimation of damage in jute fibre Part I - a new microscopical test & the implications of certain chemical tests | Journal of the Textile Institute | W. G. Macmillan , S. N. Basu | Volume 38 Page T350-T370 Published on 1947 |
| 24. | The strength of yarns and fabrics | Applied Physics Alumni Annual (Calcutta University) | S. M. Mukherjee | Page 11-13 Published on 1947-48 |
| 25. | Estimation of pentachlorophenol in jute | Journal of the Indian Chemical Society (Industrial and News Edition) | H. P. Bhattacharjee W. G. Macmillan | Volume 11 Page 27-34 Published on 1948 |
| 26. | Some factors affecting the growth and Sporulation of Chaetomium globosum & Memnonieella echinata | Journal of General Microbiology | H. W. Buston S. N. Basu | Volume 2 Page 162-172 Published on 1948 |
| 27. | Fungal decomposition of jute fibre and cellulose - part I : A Preliminary survey of commonly occurring species & Part – II: The effect of some environmental factors | Journal of the Textile Institute | S. N. Basu | Volume 39 Page T232-T248 Published on 1948 |
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| 31. | Textile fibres | Textile India (Bengal Textile Inst.) | M. K. Sen | Page 12-20 Published on 1949 |
| 32. | Bast fibres - physics and chemistry | Review of Textile Progress | H. J. Callow | Volume 1 Page 63-82 Published on 1949 |
| 33. | Research in the jute industry : retrospect and prospect | Journal of the Biological Society of Assam | W. G. Macmillan | Volume 1 Page 28-37 Published on 1949 |
| 34. | The significance of microbiology in industrial development | Journal of the Biological Society of Assam | W. G. Macmillan | Volume 2 Page 27-40 Published on 1949 |
| 35. | Effect of water soluble matter in jute on the microbiological deterioration of the fibre | Journal of Scientific and Industrial Research | S. N. Basu | Volume 8B Page 73-77 Published on 1949 |
| 36. | Studies in the bleaching of jute - Part I - The action of | Journal of the Indian Chemical Soc, (Industrial | W. G. Macmillan, | Volume 12 Page 105-112 Published on 1949 |

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| 39. | (The) Action of light on jute | Journal of the Society of Dyers and Colourists (Harrowgate Symposium) | H. J. Callow J. B. Speakman | Page 174-179 Published on 1949 |
| 40. | The tensile strength of jute strands in relation to humidity and temperature | Textile Manufacture | S. M. Mukherjee & M. K. Sen | Volume 75 Page 319-321 Published on 1949 |
| 41. | Recent advances in the knowledge of cellulose - Part I - General review | Science and Culture | M. K. Sen | Volume 14 Page 501-507 Published on 1949 |
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| 43. | Origin of the hygroscopicity jute | Nature | M. K. Sen P. H. Hermans | Volume 164 Page 628 Published on 1949 |
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| 46. | The Structure of Jute fibre: Part 2 – the role of the Lignin Hemicellulose complex and non-cellulosic constituents | Recueil Des Travaux Chimiques Des Pays-Bas | M. K. Sen and P. H. Hermans | Vol. 68, Page 1079-1105 , Published on 1949 |
| 47. | (The) Chemistry of jute fibre in relation to some technological aspects | Journal and Proceedings of the Institution of Chemists (India) | A. B. Sen Gupta | Volume 22 Page 7-12 Published on 1949 |
| 48. | Commercial aspects of research in the jute industry | Jute & Gunny Review (Annual Number) | W. G. Macmillan | Page 29-37 Published on 1950 |
| 49. | Jute - its production and processing | 7th All - India Textile Conference {Souvenir} Ahmedabad | S. V. Bhende | Page 4 1-44 Published on 1950 |
| 50. | The Relative efficiency of "Saturant" bitumen as a textile Rot-proofing agent | Journal of the Society of Chemical Industry | W. G. Macmillan, S. R. Sengupta W. G. Atkins | Volume 69 Page 61-64 Published on 1950 |
| 51. | Plastics and the textile industry | Textile India (Bengal Textile Institute) | S. R. Sengupta | Volume 2 Page 103-110 Published on 1950 |
| 52. | Studies in the Bleaching of jute - Part II - Action of common bleaching agents | Journal of the Indian Chemical Society (Industrial and News Edition) | A. B. sengupta and S. K. Majumdar | Volume 13 Page 115-128 Published on 1950 |
| 53. | Factors affecting the fruiting of chaetomium species | Journal of General Microbiology | S. N. Basu R. G. Bose | Volume 4 Page 132-140 Published on 1950 |
| 54. | Fungi growing on jute | Journal of Scientific and Industrial Research (India) | S. N. Basu S. N. Ghosh | Volume 9B Page 151-156 Published on 1950 |

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| 61. | The air flow method of measuring specific surfaces of jute | Journal of the Textile Institute | M. M. Roy R. R. Mukherjee | Volume 41 Page T249-T254 Published on 1950 |
| 62. | (The) Role of dark coloured fungi in the microbiological deterioration of jute fabric | Science and Culture | S. N. Basu S. N. Ghosh | Volume 15 Page 285-286 Published on -, 1950 |
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| 70. | Occurrence of Biotin in Seitz filter pad | Nature | S. N. Basu R. G. Bose | Volume 165 Page 851 Published on 1950 |
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| 75. | Assessment of moisture in jute | Capital : Jute Industry Survey and Directory | R. R. Mukherjee | Page 47 - 49 Published on 1951 |
| 76. | Standardization and quality control of consumable jute mill stores | Capital : Jute Industry Survey and Directory 1951 | I. B. Chakraverti | Page 56 Published on 1951 |
| 77. | Microbiology in jute research | Capital : Jute Industry Survey and Directory 1951 | S. N. Basu | Page 55 Published on 1951 |
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| 83. | A method for the quantitative estimation of copper with particular reference to proofed jute fabrics | Journal of Applied Chemistry | W. G. Macmillan, P. C. Das | Volume 1 Page 132-135 Published on 1951 |
| 84. | Studies on tamarind kernel powder : Part II - physical properties of T. K. Paste and T. K. P. sized yarns | Journal of Scientific and Industrial Research | W. G. Macmillan, I. B. Chakraverti | Volume 10B No 11 Page 270-278 Published on 1951 |
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