

Members from other University/Institution

Name : **Dr .S. Yamuna Devi**

Designation : Assistant Professor

Department : Dept. of Costume Design and Fashion

Address : NIFT-TEA College of Knitwear Fashion
Tirupur

Mobile : 9843219736, 9943772131

E-mail: drsyamunadevi@gmail.com

2020

1. **Semalaiappan Yamuna Devi**, Suyambulingam Indran, and Divakaran Divya “Futuristic Prospects of Bamboo Fiber in Textile and Apparel Industries: Fabrication and Characterization” Springer Nature, Singapore, Online ISBN 978-981-15-8489-3 (Book Chapter)

2019

1. **Yamuna Devi, S** ; Grace Annapoorani, S “Morphological, Physical, Mechanical, Chemical and Thermal Characterization of Sustainable Caryota Urens Spadix Fiber” Indian Journal of Fibre & Textile Research, Vol: 44, June 2019, Pp: 193 - 198.
2. **Yamuna Devi, S** “ Investigation of Physical, Chemical, and Structural Characterization of Areca catechu. L Fiber” International Journal of Science and Research, Vol. 8, Issue 8, ISSN: 2319-7064.
3. **Yamuna Devi, S** “ Extraction and Characterization of natural fiber from Curcuma longa petiole” Indian Journal of Applied Research, Volume 8, Issue 8, Pp: 17 -18

2018

1. **Yamuna Devi, S** “Extraction and Characterization of Cellulosic Fibers from Areca Catechu.L Stem: An Exploratory Investigation” Asian Journal of Multidimensional Research, Vol:7(2)Feb 2018, Pp: 428-433.
2. **S.Yamuna Devi** , Dr. S. Grace Annapoorani “Investigation of physical chemical and structural, characterization of Curcuma longa petiole plant fiber, PHYTOSPECTRUM Magazine, Vol:2(2),Pp:21.

2017

PATENT

1. Dr. S.GraceAnnapoorani&**S. Yamuna Devi** “Novel Fiber Composite Method for Alternative Plant Sources” Patent No. 201741020542
2. Dr. S.GraceAnnapoorani&**S. Yamuna Devi** “Method for Processing Fiber from Novel Plant Sources” Patent No. 201741020541

Paper Publication

3. Dr. S. Grace Annapoorani, **S.Yamuna Devi**and D.Sheeba Mercy “ Development of green composite” Wood head publication, India (Book Chapter)
4. Dr.S.GraceAnnapoorani and **S.Yamuna Devi** “A review on Unconventional fiber and its Application in Technical Textiles” Shanlax International Journals, Vol: 4(1),Pp:354-364.
5. **S.Yamuna Devi** and Dr.S.GraceAnnapoorani “Characterization of Natural Fiber Extracted from Abelmoschus esculentus: An Alternative Potential for Unconventional Fibers” International journal of multidisciplinary research and development, Vol : 4(7),Pp: 253-258.

6. **S.Yamuna Devi** and Dr.S.GraceAnnapoorani “ Characterization of New Natural Fiber Extracted From *Abelmoschus esculentus* Stem” International Journal of Advance Engineering and Research Development. Vol : 4(9),Pp:572-579.
7. **S.Yamuna Devi** “Characterization of New Natural Fiber from *Canna Indica* Stem” Man Made Textiles in India, Vol: 45(9),Pp: 302-307.
8. **S.Yamuna Devi** “Comparative Analysis Between Conventional Pre-Treatment and Bio- Pre-Treatment of Cotton Fabric” Man Made Textiles in India, Vol: 45(12),Pp: 416-418.
9. **S.Yamuna Devi** “Utilizing of agro waste cellulosic fiber from *Canna indica* stem for textile applications” PHYTOSPECTRUM –biannual magazine, Vol:1(2),Pp: 53-54.

2016

1. Dr.S.GraceAnnapoorani , **S.Yamuna Devi** “Development and Analysis of oil Finish on Cotton Fabric” International Journal of Current Research and Review, Vol: 8(5),Pp: 1-3.
2. Dr.S.GraceAnnapoorani, R.B.Nivedha , **S.Yamuna Devi** “ Development of Disposable Baby Diaper with Microencapsulated Natural Fragrance Finish” International Journal of Applied Research, Vol: 2(7),Pp: 685-687.
3. A.E.Nelson Raj, **S.Yamuna Devi** “ Application of Textile Fibres for Technical and Performance Enhancement in Sports” International Journal of Multidisciplinary Research and Development, Vol : 3(12),Pp: 40-45.
4. **S.Yamuna Devi** “Application of Virtual Simulation for Garment Development – An Commercial View” Indian Journal of Current Research, Vol:3(3),Pp: 75 – 88.
5. **S.Yamuna Devi** “Development of Natural Composites Using Agro Waste for Prosthetic” International Conference on Redefining Textiles Cutting Edge Technology of the Future (RTCT – 2016), ISBN: 978-93-525498-0-1,Pp: 70

2015

1. Dr. S. Grace Annapoorani, **S.Yamuna Devi** and C.R.Amrutha “Bamboo nonwoven fabric finished with tuber herbal extract”, Textiles and Fashion Research and Review, 978-93-84234-09-6.
2. Dr.S.GraceAnnapoorani and **S.Yamuna Devi** “Characterisation of Natural Plant Extracts for Wound Healing in Medical Textiles” International Contemporary Research Journal in Management and Social Science, Vol:1(1),Pp: 120 – 122.
3. Dr.S.GraceAnnapoorani and **S.Yamuna Devi** “Development of Cosmetic Textiles Finished with Curcumis sativus and Solanum tuberosum Extract” International Journal of Innovative Research and Development, Vol:4(6),Pp:160-163.
4. Dr.S.GraceAnnapoorani and **S.Yamuna Devi** “Development of UV Protective Fabric Finished with Herbal Leaves Extract” International Journal of Advanced Research, Vol:3(30), Pp: 606-609.
5. Dr.S.GraceAnnapoorani and **S.Yamuna Devi** “Development of Natural Herbal Encapsulated Adhesive Tape for Medical Textiles” International Journal of Innovative Research in Science, Engineering and Technology, Vol: 4(9),Pp: 8436-8439.
6. **S.Yamuna Devi** “Development of Facial Wipes Finished with Curcuma Zedoaria, a Herbal Extract” Man Made Textiles in India, Pp:7-9
7. **S.Yamuna Devi** “Impacts of Ethical Issues in Fashion” Garden City College of Science and Management Studies, Vol : 2(1),Pp: 41-46
8. **S.Yamuna Devi** “Intelligent Textiles for Personal Protection and Safety” Garden City College of Science and Management Studies, Vol :4(1),Pp: 39-44.