

Name : **Dr.N.Gobi**  
 Designation : Associate Professor,  
 Department : Textile Technology  
 Address : A.C.Tech, Anna University,  
 Chennai-25.  
 Mobile : 9884845999  
 E-Mail : gobssn@gmail.com  
 Area of specialization : Clothing science, Fibre science, Nano science and Technology

## 2020

- Nallathambi, G.,** Baskar, D., & Selvam, A. K. (2020). Preparation and characterization of triple layer membrane for water filtration. *Environmental Science and Pollution Research*, 27(24), 29717–29724. <https://doi.org/10.1007/s11356-019-06254-z>
- Nallathambi, G.,** Robert, B., Esmeralda, S. P., Kumaravel, J., & Parthiban, V. (2020). Development of SPI/AC/PVA nano-composite for air-filtration and purification. *Research Journal of Textile and Apparel*, 24(1), 72–83. <https://doi.org/10.1108/RJTA-09-2019-0044>
- Rethinam, S., **Nallathambi, G.,** Vijayan, S., Basaran, B., Mert, A., Bayraktar, O., & A, W. A. (2020). A new approach for the production of multifilament suture - in vitro and in vivo analysis. *International Journal of Polymeric Materials and Polymeric Biomaterials*. <https://doi.org/10.1080/00914037.2020.1798432>
- Thimmiah, B. R., & **Nallathambi, G.** (2020). Synthesis of  $\alpha$ -Fe<sub>2</sub>O<sub>3</sub> nanoparticles and analyzing the effect of annealing temperature on its properties. *Materials Science- Poland*, 38(1), 116–121. <https://doi.org/10.2478/msp-2020-0005>
- Selvam, A. K., Baskar, D., & **Nallathambi, G.** (2019). Layer by layer nanocomposite filter for ABC filtration. *Chemical Engineering Communications*. <https://doi.org/10.1080/00986445.2019.1705796>
- Ganesan, M., & **Nallathambi, G.** (2019). Chemical Science Review and Letters Desalination: A review on Principles, Methods, and Materials. *Chem Sci Rev Lett*, 8(31).
- Senthil Rethinam, **Gobi Nallathambi,** Sumathi Vijayan, Bahri Basaran, Ali Mert, Oğuz Bayraktar (2020) A New approach for the production of multifilament suture -in vitro and in-vivo analysis. *International journal of Polymeric material And polymeric Biomaterial*. <https://doi.org/10.1080/00914037.2020.1798432>

## 2019

- Rethinam, S., Wilson Aruni, A., Vijayan, S., Munusamy, C., & **Gobi, N.** (2019). Enhanced bone regeneration using an electrospun nanofibrous membrane – A novel approach. *Journal of Drug Delivery Science and Technology*, 53, 101163. <https://doi.org/10.1016/j.jddst.2019.101163>
- Nallathambi, G.,** & Dhinakaran, H. (2019). Multilayer Polymeric Nano composite Membrane for Oxygen Separation. *Bulletin of Scientific Research*, 1(2), 1–11. <https://doi.org/10.34256/bsr1921>

## 2018

- Rethinam, S., Ramamoorthy, R., Robert, B., & **Nallathambi, G.** (2018). Production of silica nanoparticles bound fabrics and evaluation of its antibacterial/ultraviolet protection properties. *Micro and Nano Letters*, 13(10), 1404–1407. <https://doi.org/10.1049/mnl.2018.5033>
- Senthil, R., Berly, R., Ram, T. B., & **Gobi, N.** (2018). Electrospun poly(Vinyl) alcohol/collagen nanofibrous scaffold hybridized by graphene oxide for accelerated wound healing. *International Journal of Artificial Organs*, 41(8), 467–473. <https://doi.org/10.1177/0391398818775949>
- Senthil Rethinam, Rajalakshmi Ramamoorthy; Berly Robert, **Gobi Nallathambi** (2018). Production of silica nanoparticles bound fabrics and evaluation of its antibacterial/Ultraviolet protection properties. Volume 13, Issue 10, p. 1404 – 1407. 10.1049/mnl.2018.5033

## 2017

- Nallathambi, G.**, Abinaya, M., Ragavee, S., Sivaranjini, R., ArunKarthick, S., Nisha, S., & Devi, S. (2017). Preparation and characterisation of Nylon/PEG/PAN composite membrane for liquid filtration. *Indian* <http://14.139.47.23/index.php/IJFTR/article/view/10433>
- Sankarraj, N., & **Nallathambi, G.** (2017). Effect of biopolishing on structural degradation and physical properties of cellulose. *Journal of the Serbian Chemical Society*, 82(5), 567–578. <https://doi.org/10.2298/JSC161123031S>
- Senthil, R., **Gobi, N.**, Inbasekaran, S., Edwinpaul, L., & Berly, R. (2017). Chemical Science Review and Letters Preparation and Structural Properties of Fibrous Materials-Reinforced Polymer Composites. *Chem Sci Rev Lett*, 6(23).

## 2016

- Senthil, R., Vedakumari, S., Hemalatha, T., Sumathi, V., **Gobi, N.**, & Sastry, T. (2016). New Approaches for the Effective Utilization of Fish Skin Wastes of Aluterus monoceros. *Journal of Earth, Environment and Health Sciences*, 2(2), 50. <https://doi.org/10.4103/2423-7752.191400>

## 2015

- Sankarraj, N., & **Nallathambi, G.** (2015). Immobilization and characterization of cellulase on concanavalin A (Con A)-layered calcium alginate beads. *Biocatalysis and Biotransformation*, 33(2), 81–88. <https://doi.org/10.3109/10242422.2015.1040004>
- Selvam, A. K., & **Nallathambi, G.** (2015a). Polyacrylonitrile/silver nanoparticle electrospun nanocomposite matrix for bacterial filtration. *Fibers and Polymers*, 16(6), 1327–1335. <https://doi.org/10.1007/s12221-015-1327-8>
- Selvam, A. K., & **Nallathambi, G.** (2015b). Mesoporous MgAl<sub>2</sub>O<sub>4</sub> and MgTiO<sub>3</sub> nanoparticles modified polyacrylonitrile nanofibres for 2-chloroethyl ethyl sulfide degradation. *Fibers and Polymers*, 16(10), 2121–2129. <https://doi.org/10.1007/s12221-015-5429-0>
- Senthil, R., Inbasekaran, S., **Gobi, N.**, Das, B. N., & Sastry, T. P. (2015). Utilisation of finished leather wastes for the production of blended fabrics. *Clean Technologies and Environmental Policy*, 17(6), 1535–1546. <https://doi.org/10.1007/s10098-014-0881-x>.