

CURRICULAM VITAE



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8. Publications Details :

- **Hussain, A.** Khaleel ahamed, and P. Muruganatham, Hydrogen peroxide stress induced marine cyanobacterium *Synechococcus aeruginosus* and *Phormidium valdarianum*.. *Applied Biochemistry and Biotechnology (Springer)* **ABAB-D-22-01762 Impact factor: 3.094.**
- **Hussain, P.** Muruganatham, Studies on effect of salt stress on growth and biochemical compounds of *Arachis hypogea*. *International studies of Botany studies, Volume 6(20201): 932-935.*
- **Hussain, J.** Mohammed, G. Jeevanantham, M. Vinoth, P. Muruganatham, and A. Khaleel Ahamed. "Biochemical response of microalga *Synechococcus aeruginosus* to hydrogen peroxide stress." *Journal of Pharmacognosy and Phytochemistry* 8, no. 4 (2019): 97-104.
- **Hussain, J.** Mohammed, P. Muruganatham, M. Vinoth, and G. Jeevanantham. "Effect of short-term hydrogen peroxide stress in the marine cyanobacterium *Synechococcus aeruginosus*." *Journal of Pharmacognosy and Phytochemistry* 8, no. 2 (2019): 93-96.

- Paramasivam, M., **Jailani, M.H.**, Ganesan, J., Mani, V., Balakrishnan, B. and Kareem, K.A.A., Haya: The Saudi Journal of Life Sciences (SJLS) ISSN 2415-623X.
- Jeevanantham, G., Vinoth, **M., Hussain, J.M.**, Muruganantham, P. and Ahamed, A.K.K., 2019. Biochemical characterization of five marine cyanobacteria species for their biotechnological applications. *Journal of Pharmacognosy and Phytochemistry*, 8(2), pp.635-640.
- Vinoth, M., Sivasankari, S., Jeevanantham, G., Muruganantham, P., **Mohammed Hussain, J.** and Khaleel Ahamed, A., Charecterization Of Exopolysaccharides From Cyanobacterial Biological Soil Crusts From Sacred Groves.
- Vinoth, M., Muruganantham, P., Jeevanantham, **G., Hussain, J.M.**, Balaguru, B. and Ahamed, A.K., 2017. Distribution of cyanobacteria in biological soil crusts in sacred groves forest of ariyalur and pudukottai districts, Tamilnadu, india. *India. Rjlbpcs*, 3, pp.215-241.
- Vinoth, M., Sivasankari, S., Jeevanantham, G., Muruganantham, P., **Mohammed Hussain, J.** and Khaleel Ahamed, A., Nitrogen Fixation Activity Of Biological Soil Crusts In Sacred Grove Forest Of Pudukottai And Ariyalur District, Tamil Nadu, India.
- Vinoth, M., Jeevanantham, G., Muruganantham, P. and **Mohammed Hussain, J.**, 2019. Characterization and estimated diversity of cyanobacteria in biological soil crust in sacred grove forest of Tamil Nadu, India. *Journal of Pharmacognosy and Phytochemistry*, 8(4), pp.849-857.
- Ganesan, J., **Jailani, M.H.**, Mani, V., Paramasivam, M. and Kareem, K.A., 2019. Characterization of growth of marine cyanobacterium Phormidium fragile JN 112 under different regimes of pH, light intensity and media composition. *Journal of Pharmacognosy and Phytochemistry*, 8(3), pp.4115-4118.

PUBLICATIONS (Book Chapter and Articles)

BOOK CHAPTER:

1. M. Arumugam., **J.Mohammed Hussain.**, A.N. Sundar(2022). Hand book of Medicinal Plants. 1stEdition,RYAN PUBLISHER, ISBN: 9789393253163.
2. **J. Mohammed Hussain.**,P.Muruganantham.,A.Khleel Ahamed (2024).Biochemical and Separation Technique. 1stEdition,RYAN PUBLISHER, ISBN: 9788119587339.