| FACULTY PROFILE | | | | |
|---------------------------|---|--|--|--|
| Name | : | Dr. K. Dhanalakshmi | | |
| Designation | : | Assistant Professor | | |
| Department | : | Physics Control Contro | | |
| Educational Qualification | : | M.Sc., M. Phil., Ph.D | | |
| Experience | | 3 Years 9 Months | | |
| Subject of Interest | : | Ultrasonics, Spectroscopic, Density Functional Theory and Molecular Docking | | |
| Publications | : | 18 | | |
| | | Padmavathy R, Dhanalakshmi K, Jasmine Vasantha Rani E. and Sujatha S. "An analysis of specific acoustic impedance, apparent molal volume and transport properties of non- aqueous solutions of peptides". International Journal of Science and Research, (2015). 236-238. Padmavathy R, Sujatha S, Jasmine Vasantha Rani E. and Dhanalakshmi K. "Analysis of transport properties of some Glycyl peptides in non- aqueous medium". International Journal of Science and Research, (2015). 460-463. Padmavathy R, Dhanalakshmi K, Radha N and Jasmine Vasantha Rani E. "Densitometric, viscometric and conductometric study of non-aqueous solutions of peptide and electrolyte". International Journal of Recent Innovation in Engineering and Research, 2(2), (2017). 8-13. Padmavathy R, Dhanalakshmi K, Jasmine Vasantha Rani E. and Radha N. "FT-IR, acoustical parameters and antimicrobial activity of a peptide with electrolyte solutions", World Journal of Pharmaceutical Research, 6(3), (2017). 1166-1177. Padmavathy R, Dhanalakshmi K. and Radha N. (2017). "Solvation, thermodynamic and UV-Visible studies of non- aqueous peptide solutions". International Journal of Engineering Research & Technology, 5(13), (2017),1-5. Padmavathy R, Dhanalakshmi K, Jasmine Vasantha Rani E. and Radha N, "An investigation of acoustic, thermodynamic and antimicrobial activity study of a drug in a peptide". International Journal of Pharmaceutical Science and Research, 8(8), (2017), 3477-3483. Padmavathy R, Sujatha S. and Dhanalakshmi K. "A study of thermodynamical and electrochemical properties of peptides in non- aqueous medium". International Journal of Pure and Applied Mathematics, 119(12), (2018), 2003-2012. | | |

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| 13. Padmavathy, R., Dhanalakshmi, K . and Geetha, R. "A Study |
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| Insilico Processes". International Journal of Pharmaceutical |
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| 14. Srinivasan alias Arunsankar, N., Deepa, C., Anbuchezhiyan, |
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| Physico-Chemical and Docking Analysis in Binary Organic |
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| Chronically to Titanium Dioxide Nanoparticles". Materials |
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| 17. Sangeetha Manimaran, Selvakumaran T, Sulaiman Ali |
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| engine performance and emissions control: The role of RuO ₂ |
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| 18. Dhanalakshmi K, Loganathan V, Susindhiran S, Gnanasekar |
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| Awards and Achievements | : | UGC Major Research Project Assistant (2013-2017) Patent Published - Advances in Gene Transfer with the Association of Nanoparticles for Therapeutic Treatment –Office of the Controller General of Patents, Designs and Trade Marks, Department of Industrial Policy & Promotion, Government of India, 2022. |
| GoogleScholar Link | : | https://scholar.google.com/citations?user=QZX7yNAAAAAJ |
| Conferences/FDP/Se minars/Workshops attended | : | 82 |
| ContactAddress | : | 211, Natham Street, Palamarneri (PO), Thirukkattuppalli (Via), Thanjavur (Dt)-613104. |