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| Personal Details<br>Full name<br>Title (Prof. Dr./ Snr. Assoc. Prof. Dr./ Assoc. Prof. Dr. / etc.) | Mr. Dinesh Kumar Lakshmi Narayanan.  |
| Academic Qualifications  | Master's in Pharmacy.  |
| Administrative Duties  | <ol style="list-style-type: none"> <li>1. FOP Batch coordinator for 2022</li> <li>2. FOP Marketing Coordinator</li> <li>3. Member of biosafety committee</li> <li>4. Assistant ERT Leader</li> </ol> <p>Course coordinator and co-coordinators of Pharmaceutical Biotechnology, Cosmetics and Toiletries, Physical Pharmaceutics, Pharmaceutical Technology, Basics in Industrial Pharmacy, Advanced Drug delivery system.</p>   |
| Publications (last 5 years)<br>(Selected)  | <ul style="list-style-type: none"> <li>• <b>NARAYANAN, D.K.L.</b>, KAYAROHANAM, S., FULORIA, S., FULORIA, N.K., JANAKIRAMAN, A.K., DJEARAMANE, S., WU, Y.S., CHAKRAVARTHI, S. and SUBRAMANIYAN, V., 2021.<br/><b>Covid-19 vaccine candidates under clinical evaluation-a review.</b><br/><i>International Journal of Pharmaceutical Research (09752366)</i>, 13(1).<br/><a href="https://doi.org/10.31838/ijpr/2021.13.01.666">https://doi.org/10.31838/ijpr/2021.13.01.666</a></li> <li>• <b>Narayanan, D. K. L.</b> , Djearamane, S. , Fuloria, S. , Kayarohanam, S. , Subramaniyan, V. , Sekar, M. , &amp; Fuloria, N. K. . (2022).<br/><b>A Review on DNA Vaccines in Pre-Clinical Trials Against SARS-CoV-2.</b> <i>Journal of Experimental Biology and Agricultural Sciences</i>, 10(3), 487–493. <a href="https://doi.org/10.18006/2022.10(3).487.493">https://doi.org/10.18006/2022.10(3).487.493</a></li> <li>• <b>Lakshmi Narayanan, D. K.</b>, Djearamane, S., Ramalingam, V., Kayarohanam, S., Rajagopal, S., Pandian, S., Janakiraman, A. K., &amp; Balakrishnan, P. (2022). <b>Potential COVID -19 Therapeutics in Clinical Trials – A Brief Review.</b> <i>Journal of Experimental Biology and Agricultural Sciences</i>, 10(4), 737–742. <a href="https://doi.org/10.18006/2022.10(4).737.742">https://doi.org/10.18006/2022.10(4).737.742</a>.</li> <li>• <b>Dinesh Kumar Lakshmi Narayanan*</b>, Saminathan Kayarohanam, Ashok Kumar Janakiraman, Sinouvassane Djearamane, Siddharthan Selvaraj. (2023). <b>Structural, non-specific, and accessory proteins and variants of SARS-CoV-2: Current perspective.</b><br/>Journal of Pharma Research, 12(01), <a href="https://doi.org/10.5281/zenodo.7498622">https://doi.org/10.5281/zenodo.7498622</a></li> </ul> |

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|                               | <p><b>Book Chapters</b></p> <ul style="list-style-type: none"> <li>Parasuraman, S., <b>Kumar, L.N.D.</b>, Thanapakiam, G., Sayem, A.S.M., Chuah, J.J., Venkateskumar, K. (2024).<br/>Biopharmaceutical Production by Recombinant DNA Technology: Future Perspectives. In: Kothari, V., Ray, S., Kumar, P. (eds)<br/>Microbial Products for Health and Nutrition. Springer, Singapore.<br/><a href="https://doi.org/10.1007/978-981-97-4235-6_12">https://doi.org/10.1007/978-981-97-4235-6_12</a></li> <li><b>Narayanan, D.K.L.</b> (2024).<br/>Gene Therapy in Molecular Biology and Drug Delivery. In: Bose, S., Shukla, A.C., Baig, M.R., Banerjee, S. (eds)<br/>Concepts in Pharmaceutical Biotechnology and Drug Development .<br/>Interdisciplinary Biotechnological Advances. Springer, Singapore.<br/><a href="https://doi.org/10.1007/978-981-97-1148-2_14">https://doi.org/10.1007/978-981-97-1148-2_14</a></li> </ul> |
| On-going Research (Selected)  | <ul style="list-style-type: none"> <li>Green synthesis of nanoparticles.</li> <li>Novel OSD formulation.</li> </ul>  |
| Completed Research (Selected) | <ul style="list-style-type: none"> <li></li> </ul>   |
| Research Grants               | <ul style="list-style-type: none"> <li></li> </ul>   |
| Consultancy                   | <ul style="list-style-type: none"> <li></li> </ul>   |
| Awards/ Achievements          | <ul style="list-style-type: none"> <li></li> </ul>   |
| Professional Membership       | <ul style="list-style-type: none"> <li>Tamil Nadu State Pharmacy Council, Tamil Nadu (India). (9749 A1) -As a Registered Pharmacist.</li> </ul>  |
| Supervision                   | <ul style="list-style-type: none"> <li>Supervised UG projects in the area of Green synthesis nanoparticles and their biological activity, Ointment formulation from phytoconstituent and its biological activity, Formulation of Oral thin films and Formulation of Effervescent tablets.</li> </ul>   |
| Teaching in AIMST             | <ul style="list-style-type: none"> <li>Course coordinator and co-coordinators of Pharmaceutical Biotechnology, Cosmetics and Toiletries, Physical Pharmaceutics, Pharmaceutical Technology, Basics in Industrial Pharmacy, Advanced Drug delivery system.</li> </ul>   |

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| Areas of Expertise        | <ul style="list-style-type: none"><li>• Formulation of novel OSD and parenteral, Lyophilization, Regulatory body guidelines, Vaccine delivery system, Immuno biologics, 3-D manufacturing, 4-D manufacturing, Bio diagnostics, Monoclonal antibodies.</li></ul> |
| Contact Details:<br>Email | <ul style="list-style-type: none"><li>• <a href="mailto:dineshkumar@aimst.edu.my">dineshkumar@aimst.edu.my</a></li></ul>  |