

Prof. Sathish Sundar Dhilip Kumar

Associate Professor/NRF C2-rated Researcher

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Prof. Sathish Sundar Dhilip Kumar is an Associate Professor and NRF C2-rated established researcher specializing in nanobiotechnology. His research focuses on the innovative use of nanobiomaterials in photobiomodulation therapy for diabetic wounds, as well as nano-based targeted delivery of photosensitizers for photodynamic therapy in metastatic melanoma.

He has recently been appointed as a Distinguished Adjunct Faculty at the Center for Global Health Research, Saveetha Medical College and Hospital, India. He has made notable contributions to research and academia, with over 40 publications in international peer-reviewed journals with an average impact factor of 5.05. His scholarly influence is reflected in an h-index of 22, an i10-index of 29, and over 2,100 citations. He has secured substantial competitive funding to advance his research, including the prestigious NRF-CPRR Grant, SAMRC Self-Initiated Research Grant, URC grants from the UJ, NRF-KIC International Travel Grant, and Claude Leon Foundation Grant, reflecting consistent recognition of his contributions to scientific excellence. He has also shared his expertise at numerous prestigious national and international conferences.

Prof. Dhilip Kumar actively contributes to the advancement of his field through membership in key professional organizations, including the Royal Society of Biology (UK), the British Society for Nanomedicine (UK), the American Chemical Society (USA), and the South African Council for Natural Scientific Professions (South Africa). He has been an active member of the Faculty of Health Sciences Research Ethics Committee at the University of Johannesburg since 2022.

Prof. Dhilip Kumar demonstrated strong leadership potential, earning distinction in UJ's six-month Emerging Leader 2023 program and being awarded the U21 Mid-Career Researchers Leadership Program in partnership with Common Purpose and Universitas 21. His research work aligns with the UN SDGs, particularly those pertaining to good health and well-being (SDGs #3), quality education (SDGs #4), Industry Innovation and Infrastructure (SDGs #9), as well as Partnerships for the Goals (SDGs #17).