




Bharathiar University

State University | "A++" Grade by NAAC | 26th Rank in MoE-NIRF
Maruthamalai Road, Coimbatore, Tamil Nadu - 641 046.

Dr C S SUREKA Associate Professor & Head i/c Department of Medical Physics Bharathiar University Tamil Nadu E-mail: surekasekaran@buc.edu.in Phone: 4222428545 Office Number: 04222428545	
Research Area <ul style="list-style-type: none">• Radiation dosimetry includes Monte Carlo aided dosimetry,• Biological dosimetry and Nanodosimetry• Radiation Safety	Courses Teaching <ul style="list-style-type: none">• Radiation Detection and Measurement• External Beam Radiation Therapy• Radiation Biology• Radiation Protection• Radiation Hazards Evaluation and Control• Radiation Dosimetry and Calibration• Nuclear Medicine and Internal Dosimetry
Research Experience:	Teaching Experience:
Research Credentials (as on June 2024 – Source: Google scholar) H-index: 237 Citations: 8 i10-index: 7	
Patents : Granted: 1	
Publications Books/Chapters: 2 National Journals: 3 International Journals: 2	
Institutional Responsibilities Member of Internal Complaints Committee (ICC) Period :Oct 2020 to Till date Nature of Responsibility : Senate Member of Bharathiar University Period :Apr 2020 to Till date Nature of Responsibility :	
Collaborations 1. Society for Applied Microwaves Electronics Engineering and Research (SAMEER) - 2021-12-01)	
Patents Granted - 1 1. An efficient instrument to detect ions and its applications 01-1970 Patent No.: 333366 Grant Sl.No.: 044117957 Dr. C. S. Sureka and Dr. P. Venkatraman	
Selected Publications 1. An In-Vitro study for early detection to and distinguish breast and lung malignancies using the PCB technology based nanodosimeter Journal Name:Scientific ReportsVol.:9 Page No.:1-16Impact Factor:4.01 (January 2019) P.Venkatraman and C. S. Sureka	



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