


ST GREGORIOS COLLEGE, KOTTARAKARA

FACULTY PROFILE

NAME	Krishnakumar V		
DEPARTMENT	Physics		
DESIGNATION	Assistant Professor		
ADDRESS	Department of Physics, St Gregorios College Kottarakara		
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ACADEMIC QUALIFICATIONS (with name of degree awarding University)	MSc MPhil PhD		
TEACHING EXPERIENCE	6 years		
SPECIALIZATION	Atmospheric Remote Sensing		
PUBLICATIONS/ PARTICIPATION IN SEMINARS/ CONFERENCES ETC (Please attach a separate detailed list with titles of papers, names of conferences, etc)		INTERNATIONAL	NATIONAL
	NO. OF RESEARCH PAPERS IN JOURNALS	8	
	NO. OF PUBLICATIONS IN CONFERENCE PROCEEDINGS		
	NO. OF CONFERENCES PARTICIPATED IN		
PROJECTS			
DETAILS OF RESEARCH SUPERVISION	NO OF STUDENTS AWARDED PHD NO. OF STUDENTS WITH SUBMITTED DISSERTATIONS NO. OF CURRENT STUDENTS:		
HONOURS AND AWARDS			
POSTS HELD	DST FIST COORDINATOR		
ANY OTHER INFORMATION			
PHOTO (Please copy and paste the photograph you would like to have as your profile image)			

Dr. Krishna kumar	Physics	Pramana : Journal of Physics	Deriving Aerosol Scattering Ratio using range-resolved lidar ratio	2014	Vol 82	391-395
		Journal of Applied Remote sensing	Lidar investigations on the optical and dynamical properties of cirrus clouds in the upper troposphere and lower stratosphere at a tropical station Gadanki , India (13.5 N , 79.2 0 E)	2014	Vol 8	083659-1 to 21
		The international Archives of the photogrammetry , remote sensing and spatial Information Sciences	Lidar studies on the optical characteristics of high altitude cirrus clouds at a lowlatitude station , Gadanki (13.5 N , 79.2 0 E) India	2014	Vol XL-8	253-256
		Indian Journal of Radio and Space Physics	Optical properties of cirrus clouds in the tropical tropopause region during two contrasting season	2015	Vol 44	155-166
		Journal of atmospheric and solar terrestrial Physics	Lidar observed structural charecteristics of higher altitude cirrus cliouds aover a tropical site in Indian sub-continent region	2018	Vol 179	367-377
		Lidar investigations on the structure and microphysical properties of cirrus at a tropical station Gadanki (13. 5 0 N and 79.2 0 E) India	Remote sensing of the atmosphere, clouds and precipitation VI Proceedings of SPIE	2016	9876	9876 1 U-1 -8
		Investigation of tropical cirrus cloud properties using ground based lidar measurements	Remote sensing of the atmosphere, clouds and precipitation VI Proceedings of SPIE	2016	9876	9876 0P-1 -10
		Investigation on the monthly variation of cirrus optical properties over the Indian sub- Continent using cloud aerosol lidar and infrared pathfinder satellite observation (Calipso)	Remote sensing of the atmosphere, clouds and precipitation VI Proceedings of SPIE	2016	9876	9876 2O-1 -6
		Cirrus cloud temperature interactions over a tropical station , Gadanki from lidar and satellite observations	AIP Conference proceedings	2014	1620	332-338