

MAR IVANIOS COLLEGE (AUTONOMOUS)

FACULTY PROFILE

NAME	Dr SUMA BAI K C		
DEPARTMENT	Physics		
DESIGNATION	Assistant Professor		
ADDRESS	Karthika, URA-61, Opp. Udiyannoor Shiva Temple, Nalanchira, Thiruvananthapuram-695015.		
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ACADEMIC QUALIFICATIONS (with name of degree awarding University)	<ul style="list-style-type: none"> • MSc Physics – University of Calicut (1991) • BEd Physical Science – University of Calicut (1992) • PhD Physics – University of Kerala (1999) Under the guidance of Dr K Narayanan Nair, Former Head, Boundary Layer Physics Group, Space Physics Laboratory, Vikram Sarabhai Space Centre, Thiruvananthapuram.		
TEACHING EXPERIENCE	LEVEL	YEARS OF SERVICE	INSTITUTION
	Higher Secondary	11 years	St John's Model HSS, Nalanchira, Thiruvananthapuram.
	UG	9 years	St John's College, Anchal, Kollam.
	PG	4 months	Mar Ivanios College, Nalanchira, Thiruvananthapuram.
SPECIALIZATION	Atmospheric Physics		
PUBLICATIONS/ PARTICIPATION IN SEMINARS/ CONFERENCES ETC (Please attach a separate detailed list with titles of papers, names of conferences, etc)	NO. OF RESEARCH PAPERS IN JOURNALS	INTERNATIONAL	NATIONAL
	NO. OF PUBLICATIONS IN CONFERENCE PROCEEDINGS	Nil	6
	NO. OF CONFERENCES PARTICIPATED IN	5	18
PROJECTS	Nil		
DETAILS OF RESEARCH SUPERVISION	NO OF STUDENTS AWARDED PHD: Nil NO. OF STUDENTS WITH SUBMITTED DISSERTATIONS: Nil NO. OF CURRENT STUDENTS: Nil		
HONOURS AND AWARDS	President's Guide – (1983) ISRO Research Fellowship – (1992 – 1997) Best Paper Prize for the group Meteorology, Troposphere and Boundary Layer in National Space Science Symposium – (1994)		
POSTS HELD	Convener – Women's Study Unit, Yoga Club, Reprographic Centre etc.at College level. Member – Debate Club, Quiz Club, Noon meal Program etc. Mentor - WWS		
ANY OTHER INFORMATION	Member, Association of Physics Teachers (APT) since 2015.		

PHOTO (Please copy and paste the photograph you would like to have as your profile image)



Publications:

1. Narayanan Nair, K., K. Sen Gupta, P.K. Kunhikrishnan, Radhika Ramachandran, S. Muraleedharan Nair, K.C. Suma Bai and T. Sunil, Interaction of mesoscale processes to Atmospheric Boundary Layer (ABL) for a tropical sea-shore station, Proc.I Workshop on ISRO GBP results, p113-130, Bangalore, Feb-1993.
2. Suma Bai K.C., P.K. Kunhikrishnan, K. Narayanan nair, K. Sen Gupta and Radhika Ramachandran, A case study of shear instability in a stable Atmospheric Boundary Layer, VIII National Space Sciences Symposium , SPL, VSSC, Trivandrum, December 20-24 , 1994.
3. Radhika Ramachandran, K.C. Suma Bai, T. Sunil, K. Narayanan Nair, P.K. Kunhikrishnan and K.Sen Gupta , Structure of the ABL at Thumba deduced from Sodar, Tower based measurements and Tethersonde , VIII National Space science Symposium , SPL, VSSC, Trivandrum, December 20-24, 1994.
4. Kunhikrishnan P,K., K.C. Suma Bai. , R. Ramachandran, K. Narayanan Nair and K. Sen Gupta , Solitary wave like disturbances in the Nocturnal Atmospheric Boundary Layer at Thumba, IX National Space Science Symposium , Hyderabad , Feb 6-10, 1996.
5. Suma Bai K.C. and P.K. Kunhikrishnan, Estimation of turbulence parameters in a Convective Boundary Layer at Thumba , IX National Space Sciences Symposium , Osmania University , Hyderabad , Feb 6-10, 1996.
6. Kunhikrishnan P.K., K.C. Suma Bai , K. Narayanan Nair, K. Sen Gupta and Radhika Ramachandran , A Case study of solitary wave like disturbances in a tropical coastal station , Monsoon, Climate and Agriculture , TROPMET -97, IISc., Bangalore , Feb 10-14, 1997.

