

Profile of Dr. K. Mohankumar

Born in 1956, as the youngest son of the Founder Manager's second daughter, late J. Sarasamma, and late M. C. Kesavapillai.

Educational background:

Primary (Std. I-V)	: Govt. Lower Primary School Chenkottukonam	1961-1965
School (Std. VI-X)	: Madhava Vilasom High School (MVHS), Thundathil	1966-1971
Pre Degree Course	: Mar Ivanios College, Thiruvananthapuram	1971-1973
B.Sc. (Physics)	: Mahatma Gandhi College, Thiruvananthapuram	1974-1977
M.Sc. (Meteorology)	: University of Cochin, Cochin	1977-1979
Ph.D.	: University of Kerala (Dept. of Physics/VSSC)	1980-1984
Post Doctoral Research:	Indian Institute of Technology (IIT), Kanpur	1984-1985
Post Doctoral Abroad	: Freie University, Berlin, Germany	1990-1991

Positions Held

Research Scientist	: Indian Institute of Technology (IIT), Kanpur	1984-1985
Lecturer (Asst Prof)	: University of Cochin, Ernakulam	1985-1990
Reader (Assoc Prof)	: Cochin University of Science and Technology	1990-1996
Visiting Scientist	: Freie University of Berlin, Germany	1990-1991
Member of Senate	: Cochin University of Science and Technology (CUSAT)	1990-2016
Member of Academic Council	: Cochin University of Science and Technology (CUSAT)	1990-2019
Professor	: Cochin University of Science and Technology (CUSAT)	1996-2016
Head of the Dept	: Dept. of Atmospheric Sciences, CUSAT	2000-2003
Hon. Director	: Centre for Space Research, CUSAT	2004-2009
Dean & Chairman	: Faculty of Marine Sciences, CUSAT	2006-2009
Dean & Chairman	: Faculty of Environmental Studies, CUSAT	2010-2016
Head of the Dept	: Dept. of Atmospheric Sciences, CUSAT	2011-2012
Project Director	: ST Radar Facility, CUSAT	2011-2019
Member of Syndicate	: Cochin University of Science and Technology (CUSAT)	2013-2015
Director	: School of Marine Sciences, Lakeside Campus, CUSAT	2014-2015
UGC BSR Faculty	: Dept. of Atmospheric Sciences, CUSAT	2016-2019
Chairman	: Board of Studies in Atmospheric Science, CUSAT	2016-2019
Hon. Director	: Advanced Centre for Atmospheric Radar Research	2016- now

Teaching Experience

Possessing **31 (Thirty One)** years of Teaching in Post graduate level (**M. Sc & M. Tech Courses**) in the field of Atmospheric Science/Meteorology

Research Experience

Possessing more than **40 (Forty)** years of active Research in the field of Atmospheric Science/Climate Sciences.

Research Guidance

Thirty two (32) Years of experience in Research Supervisor at the Doctoral level, in Atmospheric Science/Climate Science, in the Cochin University of Science and Technology.

No. of Candidates guided for Ph. D. Degree : **27**
No. of Students guided for Master's (M.Sc/M.Tech) : **73**
No. of Ph D Thesis Reviewed (Universities, IITs, ISRO, IITM,etc) : **136**

Awards/ Recognition Received

A. International Awards

- **ASLI Choice Award** for the Book on *Stratosphere Troposphere Interactions An Introduction*, by **K. Mohanakumar**, published by **Springer, The Netherlands**, adjudged as the Best book of the Year **2008**, at the American Meteorological Society, Phoenix, Arizona, USA.

The Book is translated into Russian & Chinese languages by the Russian academy of Sciences & Chinese Academy of Sciences, respectively.

The Book is using as the Reference Text Book for teaching and Research in the Universities of USA, UK, Russia, China France, Germany, Australia, and many other Countries.

- **SAARC Award** for Senior Scientists for the Excellence in Research Analysis and Outstanding Publications in Meteorology, in **2007**.
- **Commission of the European Communities Post-doctoral Research Award** in the field of Atmospheric Science to carry out research in any of the European Laboratories/ Universities for a period of one year in 1990.
- **NASA Post-doctoral Research Award** by the National Research Council, USA.
- **BOYSCAST Award** to carry out research in the field of Medium Range Weather Forecasting at Florida State University, USA for a period of 6 months.
- **Associate Fellow**, *Committee on Space Research (COSPAR)*, FRANCE



Prof. K. Mohankumar receiving ASLI Choice Award at the Annual Meeting of the American Meteorological Society, Phoenix, Arizona, USA on 9th January 2009

B. National Awards

- **H.H. Maharaja of Travancore's Gold Medal**, adjudging as the Best Research Scholar of the University of Kerala in 1983.
- **Best Research Paper Award** National Space Science Symposium, Pune, 1983.
- **Best Poster Presentation Award**, International TROPMET Conference, New Delhi, 2004
- **Prathibha Sangamam Award**, by the Hon'ble Governor of Kerala (2015)



Receiving Prathibha Award from Justice P. Sathasivam, Hon'ble Governor of Kerala

Distinguished Positions Holding in National Advisory Committees

- i. **Member**, Scientific Review & Monitoring Committee, **National Monsoon Mission, Ministry of Earth Sciences, Govt. of India**
- ii. **Expert Member**, Independent Review Committee-ACROSS, **Ministry of Earth Sciences, Govt. of India**
- iii. **Member**, Human Resource Generation Committee in Space Sciences, **ISRO, Dept. of Space, Govt. of India**
- iv. **Member**, Project Advisory and Monitoring Committee (PAMC), **Ministry of Earth Sciences, Govt. of India**
- v. **Member**, Scientific Advisory Committee, **Space Physics Laboratory, VSSC, Dept. of Space, Govt. of India**
- vi. **Member**, Scientific Advisory Committee, **National Atmospheric Research Laboratory (NARL), Dept. of Space, Govt. of India**
- vii. **Expert Member**, Independent Review Committee for the 12th Plan Programmes of IITM, **Ministry of Earth Sciences, Govt. of India.**

- viii. **Member**, Scientific Steering Committee for the Atmospheric Research Testbed Facility in Central India and Climate Reference Network, **Indian Institute of Tropical Meteorology, MoES, Govt of India.**
- ix. **Member**, Project Implementation Committee for the ST Radar at Calcutta, **Science Engineering Research Board, Dept of Science and Technology, Govt. of India**
- x. **Member**, Technical Committee for Wind Profilers for ARTF in Central India, **Indian Institute of Tropical Meteorology, MoES, Govt. of India**
- xi. **Former Member** (2012-2016), Program Advisory Committee, **Dept of Science and Technology, Govt. of India**
- xii. **Former Member** (2007-2011), Scientific Advisory Committee, **Centre for Mathematical Modelling and Computer Simulations, CSIR, Govt. of India**
- xiii. **Chairman**, Silver Jubilee Research Paper Award Committee, **Indian Institute of Tropical Meteorology, Pune**
- xiv. **Member**, Prof. R. Ananthakrishnan Award for Best Doctoral Thesis, **Indian Institute of Tropical Meteorology, Pune**

Panel Member of Research Advisory Committees

Research Advisor, Space Physics Laboratory (SPL) Trivandrum, Vikram Sarabhai Space Centre, Indian Space Research Organisation (ISRO), Department of Space, Government of India (2006-2016)

Research Advisor, Central Marine Fisheries Research Institute (CMFRI) Cochin, Indian Council for Agricultural Research (ICAR), Ministry of Agriculture, Government of India (2006-2016).

Research Advisor, Central Institute for Fisheries Technology (CIFT) Cochin, Indian Council for Agricultural Research (ICAR), Ministry of Agriculture, Government of India (2006-2016).

Research Advisor, Naval Physical Oceanography (NPOL) Cochin, Defense Research and Development Organisation (DRDO), Ministry of Defense, Government of India (2006-2009).

Research Advisor, National Institute of Oceanography (NIO) Regional Centre, Cochin, Council for Scientific and Industrial Research (CSIR), Government of India (2006-2009)

Research Advisor, National Centre for Earth Science Studies (NCESS), Trivandrum, State Committee for Science, Technology and Environment, Government of Kerala (2006-2016).

Research Advisor, Centre for Water Resource and Development Management (CWRDM), Kozhikode, State Committee for Science, Technology and Environment, Government of Kerala (2010-2016).

Research Advisor, Kerala Forest Research Institute (KFRI), Peechi, Kerala State Committee for Science, Technology and Environment, Government of Kerala (2010-2016).

Scientific Advisor, SRM University, Chennai (2014 May- present)

Member of the **Scientific Advisory Committee**, Centre for Science in Society (CSiS), Cochin University of Science and Technology (2010-2016)..

Member of the **Research Advisory Committee**, Cochin University of Science and Technology (2011-2016).

Fellowship/ Membership in National/ International Bodies

- i. **Fellow** of the Indian Geophysical Union, India
- iii. **Teacher Member**, *Indian Academy of Science*, Bangalore, India
- iii. **Member**, *American Meteorological Society (AMS)*, USA

- iv. **Member**, *American Geophysical Union (AGU), USA.*
- v. **Member**, *Asia Oceania Geosciences Society (AOGS)*
- vi. **Life Member**, *Indian Meteorological Society (IMS)*
- vii. **Life member**, *Ocean Society of India (OSI)*
- viii. **Associate Member**, *Committee on Space Research (COSPAR), France*

Membership in International Scientific Bodies

Member, International Association of Geomagnetism and Aeronomy (IAGA), Working Group : External Forcing of the Middle Atmosphere

Member, Solar Terrestrial Energy Programme (STEP)

Working Group : Middle Atmospheric Forcing from above and Below & Effects of Solar Variability in Regions Adjacent to the Earth's Surface.

Member, Stratospheric Processes on Climate (SPARC)

Working Group : Stratosphere-Troposphere Interactions

Membership in Academic Bodies

Chairman, Board of Studies in Atmospheric Sciences, Cochin University of Science and Technology (2016-2019)

Chairman, Faculty of Environmental Studies, Cochin University of Science and Technology (2010- 2016)

Chairman, Faculty of Marine Sciences, Cochin University of Science and Technology (2006- 2009)

Member, Board of Studies in Atmospheric and Space Sciences, UN-affiliated Centre for Space Science and Technology Education in Asia and the Pacific (CSSTEAP), PRL, Ahmedabad (2010 - 2019)

Member, Faculty of Marine Sciences, Cochin University of Science and Technology (2006-2016).

Member, Academic Council, Cochin University of Science and Technology (2000-till now).

Member, Board of Studies in Atmospheric Sciences, Cochin University of Science and Technology (1996-till now)

Member, Board of Studies in Naval Science and Technology, Cochin University of Science and Technology (2010- till now)

Seminars/Symposia organised

Convener of the **Seminar on Stratosphere-Troposphere Interactions** (sponsored by WCRP, IAGA, IAMAS, CUSAT, CSIR, ISRO) during November 24-26, 1998 at Cochin

Organising Committee Member for the **National Seminar Climate Variability and Predictability** held during September 18-19, 1996 at Cochin.

Organising Committee Member for the Workshop on **Dynamical Coupling in the Equatorial Atmosphere – Ionosphere System (DYCEAIS – 2002)**, during February 11-15, 2002 at Tirunelveli

Co-Convener of the **International Conference on Scale Interaction and Variability of Monsoon** held during October 6-10, 2003, Munnar, Kerala.

Co-Convener of the **National Space Science Symposium** held at Visakhapatnam during February 2-7, 2006

Co-Convenor of the ***National Space Science Symposium***, to be held at Rajkot, during February 24-28, 2010.

Organising Committee Member for the ***International Conference on Climate Change and Environment (ICCE)*** during Oct. 24-26, 2010 at Cochin

Organising Committee Member for the ***International Workshop on Climate Change and Island Vulnerability (IWCCI)*** during Oct. 28-31, 2010 Workshop at Kadmat Island, U.T. of Lakshadweep.

Organising Committee Member on the ***National Seminar on Indian NorthEast Monsoon - Recent Advances and Evolving Concepts (INMEREK-2011)*** during January 31-February 4, 2011.

Convenor of the Organising Committee for the ***Training School on Fundamental of Radars for Atmospheric Research***, January 07-25, 2013.

List of Research Projects undertaken as Principal Investigator

Studies on the Tropospheric Features and Stratosphere Troposphere Coupling Processes over the Monsoon region using Stratosphere Troposphere (ST) Radar at Cochin, Funded by **Department of Science and Technology, Government of India (2011-2018), INR 250 Million (Rs. 25 Crores)**

Impact of the Indian Monsoon Convection on the Tropical Tropopause Layer and Climate, an Indo-French joint research project with LMD, CNRS, France, Funded by the **Indo-French Centre for Promotion of Advanced Research (CEFIPRA) (2016-2019), INR 9.2 Million (Rs 93.00 Lakhs)**

Effect of the Landuse Pattern and Global Warming on the Changes in the Rainfall Distribution over South Peninsular India, Funded by **UGC, SAP – 5-year (2008-2012), INR 5 Million (Rs. 50 Lakhs)**

Development of Topography Module and Coupled Slab Ocean Atmosphere Model Simulations of Intraseasonal Variability of Monsoon Using Varsha GCM, Funded by **CSIR, Govt of India, 3-year (2007-2009) INR 3.8 Million (Rs. 38 Lakhs)**

Tropical Mesoscale Convective Systems : Diagnostic and Modelling Studies, **Dept of Space, Govt of India, 3 –year Period (2004-'07), INR 1.7 Million (Rs. 17 Lakhs).**

Mesoscale Modeling of Monsoon Related Predictions, NMITLI Project Funded by **CSIR, Govt of India, 3-Year Period (2001-2004), INR 4.2 Million (Rs. 42 Lakhs).**

Influence of Western Ghats and Arabian Sea on Weather and Climate of Kerala, Funded by **UGC, 5-years (2003-2007), INR 4.0 Million (Rs.40 Lakhs).**

Interannual Variability of the Tropical Stratosphere and Its influence on Monsoon Activity, Funded by **DST, Govt of India , 3 Years (1999-2002), INR 0.6 Million (Rs.6 Lakhs)**

Vertical Propagation of Planetary Waves and their Role on Troposphere- Middle Atmosphere Interactions using MST Radar Observations, Funded by **ISRO, 3-years (1999-2002), INR 0.5 Million (Rs. 5 Lakhs).**

Academic Visits Abroad

1. **FRANCE**, Toulouse XXVI COSPAR Meeting, June-July 1986
2. **FINLAND**, Espoo, XXVII COSPAR Meeting, July 1988
3. **CZECHOSLAVAKIA**, Prague, IAGA Symposium, April 1989
4. **GERMANY**, Berlin, CEC Post Doctoral Research, Aug. 1990- Jul. 1991
5. **BELGIUM**, Brussels, SCOSTEP Meeting, 14 days, December 1990
6. **GERMANY**, Wiesbaden, XVI EGS General Assembly, April 1991
7. **FRANCE, Paris**, Service d'Aeronomie du CNRS, July, 1991
8. **ITALY**, Trieste, International Center for Theoretical Physics, Oct-Nov. 1992
9. **ITALY**, Trieste, International Center for Theoretical Physics, Feb-Mar. 1994
10. **JAPAN**, Sendai, International Symposium on Solar-Terrestrial Physics, June, 1994.
11. **JAPAN**, Sapporo, International Symposium on S-RAMP, October 2000
12. **ARGENTINA**, Mar del Plata, International Conf. On SPARC2000 November 2000
13. **ENGLAND**, Scotland, International Conference on MAP, November 13-16, 2000
14. **FRANCE**, Paris, Indo-French Scientific Meeting, December 15-21, 2002
15. **JAPAN**, Kyoto, International Conference on EPIC, May 15-21, 2007
16. **CANADA**, Montreal, COSPAR Scientific Assembly, July 11-18, 2008
17. **ITALY**, Bologna, SPARC General Assembly, Aug 30-Sept 05, 2008
18. **USA**, Phoenix, Arizona, 89th Annual Meeting of AMS, January 11-16, 2009
19. **CANADA**, Montreal, International Conference on IAMAS/IAPSO July 18-29, 2009
20. **SINGAPORE**, AOGS Meeting, August 11-15, 2009
21. **GERMANY**, Berlin, SCOSTEP International Conference, July 12-16, 2010
22. **GERMANY**, Bremen, COSPAR Scientific Assembly, July 18-25, 2010
23. **CHINA**, Beijing, International Conference on Extreme Rainfall Events Sept 02-12, 2012
24. **TAIWAN**, Jhongli, International Conf. on Whole Atmosphere Coupling July 2013
25. **NEW ZEALAND**, Queenstown, World Climate Research Programme January 2014
26. **AUSTRALIA**, Queenstown, Joint Scientific Meeting University of Sydney, January 2014
27. **JAPAN**, Tokyo, 15th International Conference on MST Radar, May 27-31, 2017
28. **FRANCE**, Paris, Indo-French Scientist Exchange Program, May 06-26, 2018

No. of Scientific Research Papers Published/Presented : 232

In High Impact Factor Journals : 106

International Journals : 83

Indian Journals : 23

i. No. of papers presented in Conferences : 172

International Conferences : 76

National Conferences : 56

Invited Talks : 46

Key Note Addresses : 12

Oral Presentations : 86

Poster Presentations : 33

Extension Lectures : 42

Sessions Chaired : 24

Book Publications

STRATOSPHERE TROPOSPHERE INTERACTIONS – An Introduction

K. Mohanakumar

Published by : **SPRINGER**, The Netherlands,

Publication date : July 16, 2008

ISBN No. : 9781402082160

Page 416, Hard Bound

*This Book won the **ASLI (Atmospheric Science Librarians International) Choice Award, being the Best Book of the Year 2008** in the field of Atmospheric Science/ Meteorology/ Climatology at the 89th Annual Meeting of the American Meteorological Society at Phoenix, Arizona, USA.*

STRATOSPHERE TROPOSPHERE INTERACTIONS published in RUSSIAN

Взаимодействие Тропосферы Стратосферы – Введение К. Моханакумар

Rus. Fund. for Basic Research (RFBR)

Translated and Published : The RUSSIAN ACADEMY OF SCIENCES in 2012 (with the copyright permission from Springer)

STRATOSPHERE TROPOSPHERE INTERACTIONS published in CHINESE

平流层对流层相互作用 - 介绍: K. Mohanakumar

Translated and Published : Publishing House of Electronics Industry, Beijing (with the copyright permission from Springer) in 2016

Scientific Books/ Monographs Published

- i. **A Modelling Study on MOUNTAIN METEOROLOGY**
Venu G. Nair and K. Mohanakumar
VDM Publishing House, Germany, June 2009,
ISBN: 9783639151091, pages 320. Paper back.
- ii. **TROPICAL MESOSCALE CONVECTIVE SYSTEMS:**
Abhilash S and K. Mohanakumar
VDM Publishing House, Germany, October 2009.
ISBN: 9783639201673, pages 300. Paper back.
- iii. **INTERANNUAL VARIABILITY OF INDIAN SUMMER MONSOON**
Prasanth A. Pillai and K. Mohanakumar
VDM Publishing House, Germany, September 2009.,
ISBN: 978-3639199949, pages 156. Paper.
- iv. **TROPICAL CYCLONE INDUCED CHANGES IN THE TROPOSPHERE AND STRATOSPHERE**
Mrudula G and K Mohanakumar
VDM Publishing House, Germany, January 2010.,
ISBN: 978-3639226393, pages 212. Paper back.

- v. **ROLE OF STRATOSPHERE IN WEATHER AND CLIMATE**
Madhu V and K. Mohanakumar,
VDM Verlag Dr. Muller Aktiengesellschaft & Co. Germany, July 2010,
ISBN : 9783639265613, 236 pages, paper.

- vi. **LOW LEVEL JETSTREAM OF ASIAN SUMMER MONSOON AND ITS VARIABILITY**
Sjrikumar S, K. Mohanakumar and P V Joseph
VDM Verlag Dr. Muller Aktiengesellschaft & Co. Germany, Aug. 2011,
ISBN : 9783639367485, 156 pages, paper back.

- vii. **WEATHER AND CLIMATE OVER PENINSULAR INDIA**
Rajesh, J, K. Mohanakumar
VDM Verlag Dr. Muller Aktiengesellschaft & Co. Germany, March. 2012, ISBN : 978-3639343359, 172 pages, paper back.

- viii. **TRANSPORT AND DISTRIBUTION OF ATMOSPHERIC AEROSOLS OVER INDIA: A satellite perspective**
Abish B, and K. Mohanakumar
LAP LAMBERT Academic Publishing (May 24, 2013)
ISBN: 9783659398049, paper back.

- ix. **SOUTHERN HEMISPHERIC VARIABILITY AND THEIR IMPACT OVER INDIAN REGION**
Nithin Viswambaran and K. Mohanakumar
LAP LAMBERT Academic Publishing (March 09, 2016)
Language: English
ISBN-13: 978-3659857812, Pages 184.

Major Accomplishments of Prof. Dr. K. Mohankumar

As a University Professor

Dr. Mohankumar has **31 years of Teaching experience in postgraduate teaching**, In which he has completed **20 years as University Professor Grade**. A highly dedicated teacher, mentor and efficient administrator, he motivated his students to strive for excellence. He has made outstanding contributions in the creation of teaching and assessment strategies that encourage critical thinking and continuous and independent learning by students. He has also shown his commitment to the University as a Professor, Researcher and Dean of Faculty, overall an exceptional leader, who actively involved in innovative curriculum development in Atmospheric and Ocean Sciences.

As a Research Scientist

Dr. K. Mohanakumar is an Internationally reputed researcher in the field of Atmospheric Sciences. He possesses **36 Years of Research Experience** in the areas of Middle Atmosphere, Stratosphere Troposphere Coupling, Monsoon dynamics and Climate Change. He has published more than **87 Research Articles** of high quality in very high rated, peer reviewed, international journals of great reputation. He has got invitation from various International scientific Conferences all over the World. During the last 28 years, he **visited 28 Countries for Academic purposes**, and presented more than 100 research findings, given Key Note Talks, Invited Lectures, Chairing of Scientific Sessions, etc.

As a Project Coordinator

Dr. Mohankumar brought worth **Rupees 30 Crores** Externally funded Research projects to the University from various funding agencies, like Department of Science and Technology, Government of India, CSIR, UGC, ISRO, etc. In addition to the scientific merit, University also got infrastructure development, manpower development and Plan fund. By funding Rs 20 Crores for the ST Radar Project, CUSAT became the first University in India received this much support from the Department of Science and Technology.

As a Research Supervising Guide

He is an inspiring and encouraging Research Guide. He has already produced **Twenty six (26) Ph Ds** in the field of Atmospheric/ Climate Sciences. All these students are well placed. Out of the 26 Ph D holders, 4 are working as Scientists in ISRO (Department of Space), 4 as Scientists in IITM (Ministry of Earth Sciences), One Senior Scientist in NAL, CSIR (Ministry of Science and Technology), One Senior Scientist in NPOL, DRDO (Ministry of Defence), 2 as University Faculty CUSAT), One Scientist in CWRDM, one Assistant Director, Centre Water Commission, (Govt of India) and the remaining are working abroad as Scientists in USA, France, Japan. **Presently 1 Ph D student** is working under his guidance, are nearing completion of the doctoral thesis.



Prof. Mohankumar with his students and colleagues

As an Author of Text Book (Won the International Award)

Using his wide experience in the field, Prof. K. Mohanakumar authored a text book on “**Stratosphere Troposphere Interactions - An Introduction**”, published by the World’s top Scientific Publisher, **Springer**, which was selected as the best book of the year 2008 for the prestigious award of ASLI Choice for being *a comprehensive book on a unique aspect of atmospheric sciences* given at the 89th Annual meeting of the American Meteorological Society at Phoenix, Arizona, USA. This book is ranked high in all criteria upon which the books are judged: uniqueness, comprehensiveness, usefulness, quality, authoritativeness, organization, illustrations/ diagrams, and references. It is a valuable contribution to atmospheric science and is an excellent textbook for graduate level teaching and research reference.

As an University Administrator

Dr. Mohanakumar has got wide experience on various positions in the University. He worked as the Director of School of Marine Sciences (the largest School of CUSAT under in which there are 5 Departments having PG Graduate programmes and Research in the Lakeside Campus of CUSAT, Head of the Department, Director of Research Centres, Project Director of ST Radar Facility. He is also functioning as the Member of Syndicate, Member of Senate, Member of Academic Council, Chairman of Faculty, Member of Board of Studies in the University.

As the Dean of Faculty

Considering his Academic Competence, the University has nominated Dr. Mohanakumar, three times, as the Dean of Faculty of Marine Sciences and Environmental studies. As the Dean, he has motivated Research Scholars and Faculty for the research publications in high standard scientific journals, and the participation in International Conferences. Because of his constant encouragement and inspiration, research publication shown steep increase after he assumed charge as the Dean.

As an Institution Builder

Setup highly sophisticated ST Radar at Cochin. One of the most important contributions of Dr. K. Mohankumar to the Indian Scientific community in the field of Atmospheric Science is the key role in establishing the state-of-art Stratosphere Troposphere Wind Profile Radar at Cochin, the gateway of Asian Summer Monsoon. From a state controlled University system, he took a challenging task with limited facilities and support, to set up a National Facility is really commendable and appreciable. This exemplary contribution will be an asset to the future scientific community.



World's First 205 MHz Stratosphere Troposphere Radar

Prof. K. Mohankumar's contribution to Cochin University of Science and Technology



Inauguration of ST Radar Facility at CUSAT by Dr. Harshvardhan, the Hon'ble Minister of Science and Technology, Earth Sciences, Environmental and Health, Govt. of India, on 11th July 2017

Personal details:

Currently residing at Edappally, Ernakulam

Wife : **Ajitha, T. P.**, Former Chief Engineer, FACT FEDO, Udyogamandal

Daughter : **Meera Mohan**, Doing Ph.D. in Mc Gill University, Montreal, Canada

Daughter : **Meenu Mohan**, Doing MS in IISER, Bhopal

