

Mylswamy Annadurai

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Born	2 July 1958 Kodhawady, Tamilnadu, India
Residence	 India
Nationality	 Indian
Fields	Aerospace Engineering
Institutions	Indian Space Research Organisation
Alma mater	Government College of Technology, Coimbatore PSG College of Technology, Coimbatore Anna University of Technology, Coimbatore
Known for	Chandrayaan I, Chandrayaan-2, Indian space program

Notes

Project Director,
Chandrayaan I and Chandrayaan-2

MyIswamy Annadurai (Tamil: மயில்சாமி அண்ணாதுரை) (born 2 July 1958, in Kodhawady near Pollachi in Coimbatore district, Tamilnadu, India) is a scientist with the Indian Space Research Organization and currently serves as Programme Director IRS&SSS (Indian Remote Sensing & Small, Science and Student Satellites) and Project Director of Chandrayaan-1 and Chandrayaan-2. Annadurai writes a regular column, "Kaiyaruke Nila". ("Moon is at our Reach") in the Tamil weekly *Kungumam* and he is approachable through Facebook. Annadurai and his works are mentioned in 10th standard Science Text Book of Tamilnadu. He is also the Honorary Editor for a Tamil Periodical on Science, " Valarum Arivial"

Early life and education

MyIswamy Annadurai has his schooling in his native village Kodhawady. He has obtained a Bachelors in Engineering degree at 1980 from Government College of Technology, Coimbatore, Tamil Nadu, India and completed his Masters Degree in Engineering on 1982 from PSG College of Technology, Coimbatore and Ph.D from Anna University of Technology, Coimbatore Tamilnadu in India. He joined ISRO in 1982. As the Mission Director of INSAT missions he has some of the original contributions to the INSAT systems maintenance.

Chandrayaan I & II

Chandrayaan-1, was India's first mission to the moon launched by India's national space agency, the Indian Space Research Organisation (ISRO). The unmanned lunar exploration mission included a lunar orbiter and an impactor. India launched the spacecraft by a modified version of the PSLV C11 on 22 October 2008 from Satish Dhawan Space Centre, Sriharikota, Nellore District, Andhra Pradesh about 80 km north of Chennai at 06:22 IST (00:52 UTC). The mission was a major boost to India's space program, and India joined a band of Asian nations (China and Japan) in exploring the Moon. The vehicle was successfully inserted into lunar orbit on 8 November 2008

During the period 2004-2008, as the Project Director for Chandrayaan-1, he led a team of Engineers and Scientists that designed and developed the project to carry instrumentation from ISRO and from NASA, ESA and Bulgaria to accomplish simultaneous chemical, mineralogical, resource and topographic mapping of the entire lunar surface at high spatial and spectral resolutions. The project was realized within the time frame stipulated and the budget granted. He has paved the way for the future of Indian planetary missions and set an example for the international co-operation bringing the reputed international organizations like NASA, ESA, JAXA to work under the leadership of ISRO. Chandrayaan-1 has received many national and international awards including, the coveted Space Pioneers award for science and engineering at 28th International conference on Space development, in Florida USA.

Presently Annadurai is leading the Indian Remote Sensing, Science, Small Satellites Programme as Programme Director. The programme include many satellites namely Project Mars Orbiter Mission, project Chandrayaan-2, Indian Lunar Landing mission meant for insitu mineral and chemical analysis of lunar soil and many more.

Previous Assignments

Prior to the present appointment, Annadurai was in Charge of India's National Communication satellite (INSAT) missions as the Mission Director. He has also served as the Associate Project director, for GSAT-3EDUSAT. He was the member secretary of the task team that prepared Chandrayaan-1 project report. He is the author of several research papers in his specialisation.

- 1982: Joined ISRO and following is his career ladder in ISRO,
- 1985: Team leader to develop S/W satellite Simulator
- 1988: Spacecraft operations manager, IRS-1 A
- 1989: Spacecraft operations manager, IRS-1 B
- 1992: Spacecraft operations manager, INSAT-2A
- 1993: Spacecraft operations manager, INSAT-2B
- 1994: Deputy Project Director, INSAT-2C
- 1996: Mission Director, INSAT-2C
- 1997: Mission Director, INSAT-2D
- 1999: Mission Director, INSAT-2E
- 2000: Mission Director, INSAT-3B
- 2001: Mission Director, GSAT-1
- 2003: Mission Director, INSAT-3E
- 2003: Associate Project, Director, EDUSAT
- 2004: Project Director, Chandrayaan-1
- 2008: Project Director, Chandrayaan-2
- 2011: Programme Director, IRS & SSS (Indian Remote Sensing & Small, Science and Student Satellites)

During his holidays Annadurai tours across the country to meet and interact with the students to spread science. Through his inspirational talks he has become a role model among the children and youngsters. His talks and writings are more sought and attended to by the academia and the professionals.

Awards and achievements from Academic and Professional Bodies

- Doctor of Science, DSc (Honoris Causa) conferred by Pondicherry University(2009)
- Doctor of Science, DSc (Honoris Causa) conferred by Anna University, Chennai(2009)
- Doctor of Science, DSc (Honoris Causa) conferred by University of Madras, Chennai (2009)
- Doctor of Science, DSc (Honoris Causa) conferred by MGR University, Chennai (2008)
- Eminent Scientist Award from 76th Indian Science Congress - Madurai Kamaraj University Endowment.
- Annadurai is the recipient of the Hariom Ashram pretit Vikram Sarabhai Research Award for his outstanding Contributions to Systems analysis and Space systems management(2004).
- He is also the recipient of a citation from ISRO for his contribution to the INSAT systems Mission management(2003)
- Team Excellence award for his contribution to Indian Space Program(2007).
- ISRO Merit Award 2009
- Team Excellence Award 2010 as team leader of Chandrayaan-1 team
- The government of Karnataka awarded him the Rajyotsava Prashastifor Science (2008).
- National Aernautical Award-2008 from Aeronautical Society of India in recognition of his contributions in the field of Satellites/Spacecrafts
- Fellow of The Society for shock wave research, Dept.of Aerospace Eng, Indian Institute of Sciencel (IISC), Bangalore
- Distinguished Alumni Award, PSG College of Technology, 2009.
- Jewel of GCT(Government College of Technology, Coimbatore) by GCT Alumni
- Personality of the year Awarded by St. Johns International School, Chennai
- Certificate of Appreciation from Boeing Asian - American professional Association, Houston, USA
- Space Systems award, 2009 from American Institute of Aeronautics and Astronautics, US.
- NIQR Bajaj Award for "Outstanding Quality Man 2009"
- H K Firodia awards, 2009 for Science and Technology
- SIES (South Indian Education Society) Sri Chandrasekharendra Saraswati National Eminence Award, 2009 for Science and Technology
- Listed in the TNIE-Uninor Achiever of the year 2009,
- Listed in the Dinamalar-Uninor Achiever of the year 2009,
- Amara Bharathi National Eminence Award for Science and Technology, 2010
- Sir CV Raman Award-2010 from Periyar University, Salem

- Karmaveerar Kamaraj Award,2010 from Chennai Mhahajana sabha
- Hikal Chemcon Distinguished Speaker Award 2010,the 63rd Annual Session of Indian Institute of Chemical Engineers, Annamalai University.
- National Science and Technology Award, 2011, Sathyabama University, Chennai.
- Dr Rajah Sir Muthiah Chettiar Birthday Commemoration Award for 2012.

Annadurai's publications and works are being widely referred by satellite operator's, one of his work has been referred in a US patent

Annadurai and his works are mentioned in 10th standard Science Text Book of Tamilnadu

Other awards

Poorna Chandra award from Rotary Club, Coimbatore.

Tamil Ma-mani award, from Tirupur Tamil Sangam.

Tamil Achiever Award,2011 by Bharathi Tamil sangam, Kolkatta.