

CURRICULUM VITAE

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[EDUCATION]

B.S. in Geology, Presidency College, Chennai-5, October 1971.

M.S. in Geology, Presidency College, Chennai-5, November 1973.

Ph.D. in Geology, Indian Institute of Technology (IIT), Powai, Mumbai, July 1988

[TRAINING PROFILE]

Intensive Course in Surveying	College of Engineering, Guindy, Chennai (May, 1972)
Digital Computer Programming	IIT, Powai, Mumbai (Jan. - Apr., 1982)
Remote Sensing	IIT, Powai, Mumbai (Jan. - Apr., 1982)
First Orientational Course in GSI	Geological Survey of India (Nov. 1976 - Aug. 1977)
Unix-Impact In-service Training	Geological Survey of India (Feb. 1989)
Scanning Electron Microscopy	University of Western Australia, Nedlands, WA (Nov. 1996)
Workshop on Digital Tech. & GIS	Geological Survey of India (Oct. 2004)

[EMPLOYMENT HISTORY AND SERVICE]

1973. 11. ~ 1973. 12	Geologist (temporary), Groundwater Department, Government of Tamil Nadu, India
1974. 12. ~ 1975. 11.	Technical Assistant Grade-1, Oil and Gas Corporation, Assam, India
1975. 11. ~ present	Geologist (Junior), Geologist (Senior) and Director, Geological Survey of India (Hyderabad, Kolkata, Chennai, Hyderabad)

[IMPORTANT DISCOVERIES]

1. Identification of faunal breaks in the Cretaceous succession of southern India based on invertebrate fossils.
2. Discovery of the remains of a stegosaurian dinosaur in the Trichinopoly Group (Turonian-Coniacian) of Tamil Nadu and a carnosaurian dinosaur from the famous Kallamedu (Cullmoad of Blanford) in the Cretaceous rocks of Ariyalur area.
3. Report on two turtle fossils including one exceptionally preserved as internal mould, from the

Uttattur Group of the Cretaceous rocks of Tamil Nadu.

4. Reported a unique belemnoid from the Cretaceous rocks.
5. Discovery of a large inoceramid bivalve belonging to the genus *Sphenocerasmus*, measuring more than 45 cm in length.
6. Find of a number of new species of heteromorphy ammonoids from the Cretaceous rocks.
7. Find of Santonian fossils in the lower part of the Ariyalur Group of rocks in Thanjavur district outcrop area.

[FELLOWSHIP/MEMBERSHIP]

Life member, Geological Society of India, Bangalore

Corresponding Member, the Subcommission on Cretaceous Stratigraphy, IUGS

Member, National Working Group (India) of IGCP Project 308 – Status of Paleocene/Eocene Boundary

Member, National Working Group (India) of IGCP Project 350 – Environmental changes during the Cretaceous of South and East Asia

Convener, National Working Group (India) of IGCP Project 434 – Land-ocean interactions of biodiversity and carbon cycle during Cretaceous in Asia (1998-2004)

[LIST OF PUBLICATIONS (since 2000)]

Ayyasami, K. and Anantharaman, S., 2000, Biostratigraphic definition of the Cretaceous – Tertiary boundary based on invertebrate fauna. *Rec. Geological Survey of India* v. 133, pt.5, p. 263.

Ayyasami, K., 2000, A texanid ammonite from southern India. Proceedings of the XVI Indian Colloquium on Micropalaeontology and Stratigraphy, Goa, *Bulletin of the Oil and Natural Gas Corporation Limited* v. 37, p. 241-245.

Anantharaman, S. and Ayyasami, K., 2001, A revised age for the Cretaceous rocks of Pondicherry. *Indian Minerals* v. 55, p 85-90.

Sundaram, R., Henderson, R. A., Ayyasami, K. and Stilwell, J. D., 2001, Lithostratigraphic revision and paleoenvironmental assessment of the Cretaceous System exposed in the onshore Cauvery Basin, southern India. *Cretaceous Research* v. 22, p. 743-762

Ayyasami, K., 2001, Book review of Cretaceous stratigraphy: An update: Franz Kossmat volume published by the Journal of the Geological Society of India, Bangalore. *Cretaceous Research* v.22, p. 857.

Sirnivasan, R., Souminarayanan, Ayyasami, K. and Suryanarayanan, L. S., 2003, Occurrence and origin of the Quaternary glass sand resources in the dune complex of the Tamil Nadu coast. *Proceedings of the IV South Asia Geological Congress, New Delhi*, November 13-15,

2002, p. 347-353.

Ayyasami, K., 2004. Sixth symposium on collection-building and natural history studies in Asia and the Pacific Rim – notes. *Journal of the Geological Society of India* v. 63, p. 569-570.

Ayyasami, K. and Kase, T., 2004, Collection, Identification, Cataloguing and preservation of invertebrate fossils in the Geological Survey of India. Proceedings of the 5th and 6th Symposium on Collection Building and Natural History studies in Asia and Pacific Rim (Ed.: Akiyama, S. et al.) *National Science Museum Monographs, Tokyo* v. 24, p. 1-4.

Ryoji Wani and Ayyasami, K., 2004, A review of the Cretaceous biostratigraphy in the Ariyalur area, southern India. *Bulletin of the Mikasa City Museum*, No. 8, p. 1-15 (*In Japanese*).

Ayyasami, K., 2004, Cretaceous genus *Menuites* Spath from the Miria Formation, Western Australia. *Bulletin of the Mikasa City Museum*, v. 8, p. 53-57.