

## CURRICULUM VITAE

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### D.MANIMARAN

Assistant Professor

Department of Geology

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### Educational Background

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June 1992- April 1995	B.Sc Geology V.O. Chidambaram College, Thoothukudi.
June 1995- April 1997	M.Sc Geology V.O. Chidambaram College, Thoothukudi.

### Professional Experience

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2002 - 2003, 2004 - 2007	Guest Lecturer Department of Geology Presidency College, Chennai.
February 2007 - till date	Assistant professor, Department of Geology, V.O. Chidambaram College, Thoothukudi.

### Field Experience

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- Area of Specialization: **Hydrogeology, Structural Geology.**
- Groundwater prospecting and Mineral Exploration using by Geophysical Resistivity method.
- Litho analysis with reference to borehole data.
- Mapping the Limestone terrain.

### Responsibilities Held

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- U.G and P.G Board of Studies member since 2012, Manonmaniam Sundaranar University, Tirunelveli.
- Tamilnadu Public Service Commission (TNPSC-Geologist Exam) Syllabus Review Committee member held on 22.12.2016.
- An examiner among a panel of examiners for TNPSC Assistant geologist examination question paper settings from 15.05.2017 to 21.05.2017.

## Resource Person

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- Acted as a Resource person for the Workshop on ‘Structural Geology on Paleontology’ at Department of Geology, Bharathidasan University constituent college for Women, Orathanadu, Tanjavur from 29.12.2016 to 30.12.2016

## List of Publications

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### Books

1. Economic Geology, K. Parthiban, **D. Manimaran**, T. Ayyamperumal, Kalyani Illam Publications, Madley 2<sup>nd</sup> street, T. Nagar, Chennai-17, (2005).
2. Megascopic Mineralogy (For Common Rock forming Minerals), K. Parthiban, **D. Manimaran**, T. Ayyamperumal, Kalyani Illam Publications, Madley 2<sup>nd</sup> street, T. Nagar, Chennai-17, (2004).
3. Dictionary of Geology, K. Parthiban, **D. Manimaran**, T. Ayyamperumal, Kalyani Illam Publications, Madley 2<sup>nd</sup> street, T. Nagar, Chennai-17, (2004).

### Journal Papers

- Selvam. S, Seshunarayana. T, Manimaran. G, SivaSubramanian. P and **D. Manimaran**, 2010-2011, Groundwater investigation using geoelectrical survey: A case study from Kanukunta village, Andhrapradesh, India. Outreach Vol. IV, 59-62.
- Antony Ravindran, **Manimaran. D**, Ganesa Moorthy, Venkatesh. K, Eassakidurai. T, Anandha Reshmi. P, Thean Thilak. P, 2010-2011, Application of 2D Electrical resistivity imaging method in Puthiampudur (Thoothukudi) Quartzite deposit investigation, Outreach Vol. IV, 63-65.
- Antony A Ravindran, N. Ramanujam, G. Manimaran and **D. Manimaran**, 2011, Exploration of fresh water movement in palaeo river and coastal environmental study using 2D ERI in Zirconium complex, Atomic energy, Pazhayakal, Thoothukudi, Research Journal of Earth science Vol. 2, 57-62.
- **D. Manimaran** and G. Manimaran, 2011-2012, Tectonics studies around Vallanadu area, Tamilnadu, Outreach, Vol. V, 117-122.
- Manimaran. G, Antony Ravindran. A, Selvam. S, **Manimaran. D** and Sugan. M, 2012, Characterisation and disaster management of landslides in the Nilgiri mountainous terrain of Tamilnadu, India, International Journal of Geomatics and Geosciences, Vol. 3, No. 1, 1-12.
- **D. Manimaran**, 2012, Groundwater geochemistry study using GIS in and around Vallanadu Hills, Tamilnadu, India, Research Journal of Recent Sciences, Vol. 1(7) 52-58.
- Manimaran G, Antony Ravindran A, **Manimaran D**, Selvam S and Sugan M, 2012, Active volcanoes guided Tsunamigenic earthquakes from Andaman – Indonesia

regions – A tectonic model, International journal of geomatics and geosciences, Volume 3, No 2, 307-313.

- **Manimaran. D**, Manimaran. G, 2013, Arsenic Contamination of Groundwater in Vallanadu Region of Tuticorin District, Tamilnadu, India, Online International Interdisciplinary Research Journal, Vol 3, Issue VI, 230-242.
- **Manimaran. D**, Besheliya. J, Manimaran. G, 2014, Petrographic Study around Vallanadu Area, Tuticorin District, Tamilnadu, India, Online International Interdisciplinary Research Journal, Vol IV, Issue I, 115-136.
- G. Manimaran, J. Besheliya, **D. Manimaran**, A. Antony Ravindran, S. Selvam and M. Sukan, 2014, Multiphase Shear Features of Pan-African Shearing Events of Achankovil Shear Zone, South India, Outreach, Vol VII, 128-135.
- Thangavel M, Udayanapillai A .V and **Manimaran D**, 2016, X-Ray Diffraction studies of Calcrete in and around Duraisamipuram, Vilathikulam region, Thoothukudi District, Tamilnadu, India, Outreach, Volume IX, 301 - 306.

### Conference Papers

- K.V. Muralidharan, **D. Manimaran**, N. Naresh, J. Muralidharan and A. Karthikeyan, A recent study of subterranean water in urban pockets of some parts of Chennai city, Tamilnadu. National seminar on Geoscience and environment. Madras University, Chennai. 27-01-2005 to 28-01-2005.
- A.V.Udayanapillai, A.Antony Ravindran, **D.Manimaran** and S.Selvam, Study of foraminiferal distribution and population characteristics in relation to organic matter, calcium carbonate of the shore sediments of Pandian Island, Gulf of Mannar. XXII Indian colloquium on icropalaeontology and stratigraphy UGC, DST, MoES, ONGC, CSIR, NIO and NCT National College, Tiruchirapalli. 16-12-2009 to 18-12-2009
- G. Manimaran, J. Besheliya, P.T. Roy Chacko, **D. Manimaran**, Charnockitisation of Achankovil shear zone, 2015, Vol.2.

### Conference/ Seminar/ Workshop Attended

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- Excellence in life, National conference on 22nd and 23rd Dec.2007, Thoothukudi.
- Sustainability and conservation of coastal resources and ecology, National seminar on 17th and 18th July 2009, Manonmaniam Sundaranar University, Tirunelveli.
- Petroleum exploration Workshop on 26 & 27th October 2009 , sponsored by ONGC Chennai, conducted by Dept. of Geology, V.O.C. College, Thoothukudi.
- Role of Medical Geology in Indian Medical System Workshop on 6.1. 2010, Dept. of Geology, V.O.C. College, Thoothukudi.
- GIS and Remote sensing Workshop on 18.09.2010 at Dr. Sivanthi Aditanar Engineering College, Tiruchendur.
- Inflibnet user awareness concerning N-List, Workshop on 11.02.2011 at Manonmaniam Sundaranar University, Tirunelveli.

- Seminar on Medicinal minerals on 21.02.2011, organised by the Dept.of geology, V.O.C College, Thoothukudi.
- Petroleum exploration Workshop on 22 & 23 July 2011, Sponsored by ONGC Chennai, conducted by Dept. of Geology, V.O.C. College, Thoothukudi.
- New perspective on choice based credit system in Tamilnadu, National Conference on 18.02.2012, sponsored by UGC, V.O.C College, Thoothukudi.
- Quality enhancement in teaching learning process, National Conference on 30 & 31 March 2012, NAAC, Bangalore, Holly Cross Home Science college, Thoothukudi.
- Foreign Universities Bill-2010, State level seminar on 26.08.2012, MUTA, Francis Xavier Engineering College, Tirunelveli.
- Image processing and GIS techniques in Geology, Workshop on 2.8.2013-3.8.2013, Dept. of Geology, National College, Tiruchirapalli.
- State level workshop on Rain water harvesting on 24.10.2013 at Dept. of geology, V.O.C College, Thoothukudi, organised by Dept.of Geology, Presidency College, Chennai.
- State level seminar on Higher Education- Futuristic perspective on 25.01.2014 held at MTN College, Madurai, organised by MUTA.
- State level seminar on Rashtriya Uchhatar Siksha Abhiyan-Acritical Appraisal on 13.04.2014 held at FX Engineering College, Tirunelveli, organised by MUTA.
- Towards inclusive, Equitable, Secular and Quality higher education for all, State level seminar on 27.9.2014, MUTA, Tirunelveli.
- Petroleum exploration national Workshop on 18 & 19 October, 2014, sponsored by ONGC Chennai, conducted by Dept. of Geology, V.O.C. College, Thoothukudi.
- Petroleum exploration national Workshop on 11 & 12 December, 2015, sponsored by ONGC Chennai, conducted by Dept. of Geology, V.O.C. College, Thoothukudi.
- National seminar on Varmam on 19 & 20 December, 2015 conducted by Dept. Of Geology, V.O.C College, Thoothukudi and Siddha clinical research unit, Tirunelveli sponsored by Central Council for Research in Siddha, Chennai.
- National level training programme on Geospatial Technologies organised by Dept. of Mining Engineering, Anna University, Chennai from 08.02.2017 to 10.02.2017.

### **Orientation/ Refresher Course Attended**

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- Orientation course at Academic Staff College, Madras University, Chennai, from 06.05.2010 to 02.06.2010, Sponsored by UGC.
- Refresher course on “Environmental science” at Academic Staff College, Madras University, Chennai, from 06.09.2011 to 26.09.2011 Sponsored by UGC.
- Refresher course on “Geoinformatics for Earth and Life sciences” at Academic Staff College, Madras University, Chennai, from 07.02.2014 to 27.02.2014 Sponsored by UGC.

## Computer Proficiency

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Operating System	Windows XP/2000 and MSDOS
Programming System	C, C++, Java 1.2 and Visual Basic
Scripting Languages	Java script, Vb script
Web Technologies	ASP, XML, HTML and DHTML.
Packages	MS office 2000
Server	Site server