

Name in full : Dr. (Mrs.) V.S.GOWRI  
Date of Birth : August 2, 1958  
Address for correspondence : Institute for Ocean Mangement  
Anna University, Chennai 600 025, India  
Permanent address : No. 71A, Dhairiyalakshmi Rd  
Rajeswari Nagar, Selaiyur  
East Tambaram, Chennai – 600 059  
Tamil Nadu

Educational qualifications (in chronological order)

No.	Courses passed	University	Year of passing	Subject taken	Class/ Division
1.	Ph.D	Anna University	1998, August	Coastal Pollution	Awarded
2.	M.Phil	Madras University	1981, June	Zoology (Parasitology)	I class
3.	M.Sc	Madras University	1980, June	Zoology (Entomology)	'O' grade
4.	B.Sc	Madras University	1978, June	Zoology	I class

**Fellowships**

No.	Sponsor	Date	Purpose
1.	DFID, UK	Three weeks in June 1999	Train the Trainers" in Coastal Zone Management
2.	CDG, Bremen, Germany	One week in November 2002	Training / Education / Research in the field of management of coastal and marine resources

Professional training: (Annexure)

Organization	Period		Details of Training
	From	To	
Institute for Ocean Management Anna University Chennai – 25.	1986	Continuing	Data Base Management Remote sensing and GIS Coastal Marine Pollution Water Quality Studies Instrumentation
Dept. of Zoology Madras University Chennai – 5.	1980	1981	Marine Biology Parasitology Reproductive Biology Research Methodologies

Centre for Environmental studies, Anna University Chennai - 25	March 1991	Aquatic Ecotoxicology
Institute for Remote Sense Anna University Chennai – 25.	November 1993	Application of Remote Sensing
MASTEK Ltd. Chennai.	June 1996	INGRES – RDBMS
Institute for Remote Sense Anna University Chennai – 25.	February to March 1998	Training in Remote Sensing and GIS
CAS in Marine Biology Annamalai University Parangipettai, Chidambaram	March 2000	Biodiversity assessment
ESRI, India	April 2000	Introduction to Arcinfo, ArcView GIS
Institute for Ocean Management (IOM) Anna University Chennai – 25.	November 2000	Indo-British short course in Integrated Coastal Zone Management.
IOM Anna University Chennai – 25.	December 2001	Ports and Harbor Area Environmental Management
ESRI, India	January 2002	Arcinfo – New version 8.
Zoological Survey of India Chennai – 28	January 2003	Marine Faunal Diversity of India

Field of special interest : Coastal pollution / Oil pollution  
Coastal Zone Management  
Application of RS/GIS in CZM

### **COMPUTER LITERACY:**

MS-Office, MS Windows 2000

ARCINFO / ARCVIEW

ERDAS - Image Processing software

Languages : Cobol

DBMS : ORACLE 8i / VB 6.0

### **EXPERIENCE IN PROJECTS:**

Actively engaged in the following projects, sponsored by DOD, New Delhi:

1. “Best Designated Use of Coastal water for 18 coastal sites
2. “GIS based database on Marine Pollution” for 15 coastal sites
3. “Zonation of coastal water for 10 coastal sites

Co-Investigator in the project “Impacts of developmental activities on the tidal and wetlands and biodiversity of Tuticorin coastal water”, sponsored by OSTC cell, Annamalai University (DOD).

#### **PUBLICATIONS (IN BOOKS):**

Krishnamoorthy, R., S.Sundaramoorthy, D.Mohan, **V.S.Gowri** and S.Ramachandran. 1994. Status of Mangroves along Tamilnadu coast and their spectral properties - A remote sensing Approach. In: Remote Sensing and Geographical Information Systems for Environmental Planning . I.V.MuraliKrishna (Ed). Tata McGraw-Hill Publishing Company Ltd. New Delhi. 397-409 pp.

**Gowri,V.S.** and S.Ramachandran. 2001. Coastal Pollution Management. In: Coastal Environment and Management. (S.Ramachandran. Ed.). Institute for Ocean Management, Anna University, Chennai –25. 176-194 pp.

#### **PUBLICATIONS (in Journals):**

Vijila,C., A.Ramalingam, **V.S.Gowri** and K.Sivakumar. 2000. Effect of solvent on the photophysical properties of substituted imidazone naphthyridine derivative. Spectrochimica Acta A: Molecular Spectroscopy. 56(5): 983-989 pp.

#### **PUBLICATIONS (in Symposia / Conferences etc)**

Krishnamoorthy, R., **V.S.Gowri** , S.P.Karthikeyan and S.Ramachandran. 1995. Study on the influence of industrial discharges into the coastal waters of Tamilnadu using remote sensing data. In : IV National Symposium on "Environment", Anna University, Chennai . 35-38 pp.

Ramachandran and **V.S.Gowri**. 1995. Determination of trace metals in water samples. In: Water Quality monitoring. Modelling and Management. UGC Refresher Course on Water Resources. CWR, Anna University. 1-3 pp.

Madhuri,S., P.Aruna, M.I.Summiya Bibi, **V.S.Gowri**, D.Koteeswaran and S.Ganesan. 1997. Ultraviolet fluorescence spectroscopy of blood plasma in the discrimination of cancer from normal. In: International Proc. of Optical Diagnostics of biological fluids and advanced techniques in Analytical cytology. SPIE (Society for Photo-Optical and Instrumentation Engineers) Vol. 2982: 41-45 pp.

**Gowri,V.S.** and S.Ramachandran. 1999. Coastal pollution by Adyar river discharges. In: Proc. National Symposium on Environment, IGCAR, Kalpakkam. 1-3 pp.

#### **COMMUNICATED:**

1. Koteeswaran,D., N.Vengadesan, P.Aruna, S.Bhargavi, **V.S.Gowri**, K.Muthuvelu and S.Ganesan. Characterisation of human neoplastic and normal oral tissues by visible excitation and emission fluorescence spectroscopy. Spectrochimica Acta A: Molecular Spectroscopy.
2. Shesa,R., **V.S.Gowri** and S.Ramalingam. Characterisation of Imidozone naphthyridine in fluorescence spectroscopy. Spectrochimica Acta A: Molecular Spectroscopy.

#### **SEMINARS / CONFERENCES ATTENDED / PARTICIPATED:**

1. National Seminar on “Ocean Resources” sponsored by UGC and conducted by ODC & CWR from 1.12.86 to 6.12.86.
2. National workshop in “Aquaculture Engineering” sponsored by UGC and conducted by ODC and CWR from 6.4.88 to 8.4.88.
3. Seminar on "Ground water Pollution and Control" sponsored by Central Pollution Control Board, New Delhi between 16.3.94 to 25.3.94 held at CES, Anna University, Chennai.
4. National Symposium on Environment, held at CES, Anna University, Chennai in 1995.
5. Workshop 1 of the Cooum river Environmental Management Research Programme . 1998. A system study for Environmental Management of the Cooum river and Environs. Madras - Waterloo University Linkage Programme. Chennai. 18-20 March.
6. Workshop 2 of the Cooum River Environmental Management Research Programme . 1999. Decision support and Scenario analysis for Environmental Management of the Cooum river and Environs. Madras- Waterloo University Linkage Programme. Chennai. 24-28 February.
7. Awareness program on “Remote Sensing Applications in Marine Sciences ( 21-22 September 1998) held at IOM, AU, Chennai and
8. National Seminar on “Marine Remote sensing Applications” held at IOM, AU, Chennai (23-25 September, 1998).

#### **TRAININGS ATTENDED:**

1. A training in "Business applications through Computers, covering packages like D Base III plus, Lotus 123 and COBOL programming.
2. An International training on Aquatic Ecotoxicology in March, 1991, held at CES, Anna University, Chennai, sponsored by RIVM, Bilthoven, The Netherlands.

3. An International training on Application of Remote Sensing for developing countries, at IRS, Anna University, Chennai, during 2-20 November, 1993, organised by International Council of Scientific Union, IRS, Anna university and CSC, London.
4. A training in INGRES -RDBMS software at Chennai, given by MASTEK Ltd, Chennai in June 1996.
5. A training programme on “Remote sensing and GIS applications with particular reference to Harbour area Management and Development” held at CWR&OM, Anna University during 8-9<sup>th</sup> July 1996.
6. A training on Remote Sensing and GIS at IRS, Anna University, Chennai during 9<sup>th</sup> February and 13<sup>th</sup> March 1998.
7. An awareness programme on “Remote Sensing Applications in Marine Sciences” (21-22 September 1998) and the National Seminar on “Marine Remote Sensing Applications (23-25 September 1998) held at IOM, Anna University.
8. International workshop on ‘Methodologies for assessing biodiversity in estuaries, mangroves and coastal waters’, sponsored by United Nations University, Tokyo, JPN during 2<sup>nd</sup> to 16<sup>th</sup> March 2000 held at Centre for Advanced Study in Marine Biology, Parangipettai, Annamalai University.
9. GIS training program on  
“Introduction to ArcInfo, ArcScan and ArcView GIS during 3.4.2000 to 10.4.2000,  
“Working with Grid and TIN during 27.6.2000 to 1.7.2000 and  
“What’s new in Arcinfor 8 ? from 8.1.2002 and 10.1. 2002, given by ESRI India.
10. Indo-British short course in “Integrated Coastal Zone Management” held at Anna University from 13.11.2000 to 1.12.2000.
11. An Indian - Germany training course on Ports and Harbour Area Environmental Management, held at Anna University, Chennai from 3<sup>rd</sup> to 7<sup>th</sup> December 2001.
12. GIS training program on “What’s new in Arcinfo 8” from 8.1.2002 to 10.1.2002 given by ESRI India.
13. Training cum workshop on “Marine Faunal Diversity of India” from 22<sup>nd</sup> to 26<sup>th</sup> January, conducted by Marine Biological Station, ZSI, India, Chennai - 28

**Visits abroad:**

Visited University of Newcastle, U.K. in June 1999 for 3 weeks course on "Training the Trainers" in Coastal Zone Management, Sponsored by DFID, UK.

Visited Bremen, Germany to attend one week "Training / Education / Research in the field of management of coastal and marine resources" held at Centre for Tropical Marine Ecology, Bremen between 4<sup>th</sup> to 7<sup>th</sup> November 2002.