

**Government Arts college (Autonomous),
Coimbatore –18
Performance - Teacher Appraisal
Report**



i) General Information

- a) Name : **Dr. S. SENTHILKUMAR**
- b) Address (Residential) : 10/4D, Brindhavan Colony,
2nd Street, Uppilipalayam,
Coimbatore- 641015
- c) Designation : Guest Lecturer
- d) Department : Geology
- e) Date of Birth : 20.05.1988
- f) Area of Specialization : Hydrogeology, Geophysics, Remote Sensing & GIS, Mineralogy

A) Academic Qualifications

Examination passed	Board / university	Subject	Year	Division grade/merit etc.,
B.Sc	Thiruvalluvar University	Geology	2008	68 %
M.Sc	University of Madras	Geology	2010	82 %
Ph.D	University of Madras	Geology	2015	Commanded

ii) Research Experience & Training

Research stage	Title of thesis	University where the work was carried out.
M.Phil	-	-
Ph.D	“Integrated Groundwater Studies and Hydrogeochemical Modeling of Coastal Blocks of Thiruvallur District, Tamil Nadu, India”	University of Madras
PDF (UGC – DS Kothari Post-Doctoral Fellow (PDF))	Assessment of polluted Groundwater by Polycyclic Aromatic Hydrocarbons in Coastal Aquifer of Ennore Industrial Area, South India for sustainable uses	Pondicherry University
No of Publication	21	
Research guidance(give the names of students guided successfully)	-	
Training(please specify)	<ol style="list-style-type: none"> 1. National level training on “Application of Geoinformatics for the Impact of Climate change on Natural Resource Management” held on August 22nd – 25th, 2011 at Sathyabama University, Chennai. 2. One Week Training workshop on Isotope Hydrology held on 19-24 Dec 2011 at NIH, Roorkee with collaboration of PRL, Ahmadabad. 3. National Level Training on “WATER MANAGEMENT TRAINING” on February 15th and 16th in 2012 at AKT Memorial Engineering College and Technology, Kallakurichi sponsored by Central Groundwater Board (SECR), Chennai. 4. Five day training program on GIS course entitled “Introduction to Geoinformation Technology (GA-101)” conducted by Geoicon Pvt. Ltd, Singapore at Department of Geology, Presidency College, Chennai on 21st to 26th May 2012. 5. Training course on “Aquifer Information System and Aquifer Management Plan” held at Central Ground Water Board (SECR) Chennai, from 17/12/2012 to 21/12/2012. 6. Ministry of Earth Science Sponsored Training program on “HYDROGEOCHEMICAL MODELING USING PHREEQC AND MODFLOW” from 21st to 31st January, 2013 , Jointly organized by Department of Earth Sciences, 	

	<p>7. UGC Sponsored Short Term Course on “ Short Term Course on Research Methodology, Techniques of Writing Research Articles for SCI Journals and Ph.D Thesis Preparation” Conducted by Department of Geology, Anna University, Chennai on 6th -7th March 2013.</p> <p>8. Five days Training workshop on “Recent trends in Petroleum Geology” organized by Department of Geology, Presidency College, Chennai in association with Oil India Limited, Noida and Oil and Natural Gas Corporation, Chennai from 2nd to 6th December 2019 held at Presidency College, Chennai -05.</p> <p>9. Two days workshop cum hands on Training on “Python Programming” Organized by Post Graduate and Research Department of Statistics, Salem Sowdeshwari College on 24th and 25th January 2020.</p>
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B) Research Projects carried out

S. No.	Title of the Project	Name of the Funding Agency	Duration	Remarks
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C) Seminars, Conferences, Symposia Workshops etc. attended

Name of the Seminars / Conferences / Symposia / Workshops etc	Name of the Sponsoring Agency	Place and Date
Geological Process, Minerals And Fossil Fuel Exploration Golden Jubilee (1959 – 2009) celebrations of Mineralogical Society of India Tindivanam Taluk, TamilNadu for Rural development.	National Symposium on Environmental Geology, Held in Department of Geology, Anna University, Chennai	26 th to 28 th November 2009
Geomatic based natural Resources Disaster Mitigation and Managements	Department of Industries and Earth sciences, Tamil University, Tanjoor.	22 to 26 th February 2010
Natural hazards and Climate change	Department of Geology and centre for natural hazards and disaster studies, University of Madras	11 th to 12 th March 2010
Coastal Hydrogeology	Department of Applied Geology, University of Madras and UGC (SAP), New Delhi	8 th to 9 th February 2010
CENCUS 2011 DATA DISSEMINATION	Department of Geology, Presidency College, and Chennai	April 16, 2013
Recent Scientific Advances in Southern Granulite Terrain	Geological Survey of India Chennai	18 th April 2013
Rain Water Harvesting	Department of Geology, Presidency College, Chennai with association of Chennai Metropolitan Water Supply & Sewerage Board, Chennai	September 2013
Recent Advances in Geology of Tamil Nadu” (Series – I)	Department of Geology, Presidency College, and Chennai	October 22, 2013
Recent Advances in Geology of Tamil Nadu” (Series – II)	Department of Geology, Presidency College, and Chennai	March 3, 2014
Statistical Data Analysis using SPSS and AMOS	Department of Statistics, Presidency College, Chennai.	March 7-8, 2014
Environmental Earth Science, Accomplishments, Plans and Challenges	Departments of Geology and Applied Geology, University of Madras, India & Instituto Politecnico nacional (IPN),	19 th – 22 th March 2014
Ground water Quality studies along Coastal tract of Thiruvallur District, Tamil Nadu	Association of Hydrologists of India (AHI) and Centre for applied Geology (Gandhigram Rural Institute-Deemed University, Gandhigram,	

Seasonal Impact On Coastal Hydrogeochemistry Of Thiruvallur District, Tamil Nadu	Seawater Intrusion in Coastal Aquifers with reference to Coasts of Tamil Nadu State and U.T. of Puducherry organized by Central Ground Water Board (SERC) Chennai and Central Ground	15 th March 2013
international conference on Energy, Water, and Environmental science & Technology (ICEWEST-9th International Symposium(IntSym2019))	Department of chemistry, Presidency college, Chennai	5 th to 6 th February 2015
6th Asia-Pacific Coastal Aquifer Management	South Eastern University of Sri Lanka	27 th and 28 th November, 2019
International E - Conference on Recent Advances in Conservation and Utilization of Water	Anna University	11 th to 14 th December 2019
	Department of Civil Engineering, Sri Shakthi Institute Of Engineering And Technology, Coimbatore, India	August 26-27, 2020

iii) Teaching Experience

Courses Taught	Name of University/ College/Institution	Duration	
		Period of employment From - To	Years of Experience
Hydrogeology, Structural Geology, Remote Sensing and GIS, Geochemistry, Crystallography	Department of Geology at College of Natural and Computational Sciences, Wachemo University, Hosanna, Ethiopia	1 November 2016 - 04 January 2019	2Y-2M
Crystallography and Mineral Optics	Department of Earth Sciences, School of Physical, Chemical and Applied Sciences, Pondicherry University,	07 January 2019 – 06 January 2022	3Y 0M
Crystallography and Mineral Optics, Mineralogy, Igneous Petrology, Hydrogeology	Department of Geology, Government Arts College(Auto), Coimbatore.	23 January 2023 – Till Now	1 Years

Total Teaching Experience (in years and months) :

a)	Under-graduate	6 Y
b)	Post-graduate	-
c)	Research	11 Y

viii) Innovations/ Contributions in Teaching

a) Design of Curriculum :	-
b) Teaching methods :	--
c) Laboratory experiments :	--
d) Evaluation methods :	--
e) Preparation of resource material including books, reading materials, laboratory manuals etc.:	--
f) Remedial Teaching / Student Counseling (academic) :	--
g) Any other :	--

IX) Research Contribution

a). PhD/M.Phil undergoing scholars

Sl. No	Name of the PhD/ M.Phil(PT/FT) Scholar	Name of the University	Broad Field	Registration Number	Year of registration
-	-	-	-	-	-

b). PhD/M.Phil Awarded

Sl.No	Name of the PhD/M.Phil (PT/FT) scholar	Name of the University	Title of the thesis	Year of registration of the scholar	Year of award of PhD
-	-	-	-	-	-

X) Extension Work/ Community Service

A) Please give a short account of your contribution to:-

B) Positions held / leadership role played in organizations linked with Extension Work National Service Scheme (NSS), or NCC or any other similar activity-

C. Participation in Corporate Life

Please give a short account your contribution to:

a) College/ University / Institution	-
b) Co-curricular Activities	-

c) Enrichment of Campus Life (Hostels, sports, games, cultural activities)	-
d) Students Welfare and Discipline	-
e) Membership / Participation in Bodies	-
f) Professional Organization of Teachers	-

D.(a) Membership of Professional Bodies, Societies, Editorship of Journals etc.

International Association of Hydrogeologists (IAH)	Member	1 Year
International Association for Structural Geology and Tectonics (IASGT)	Member	1 Year

E. Any other information

- Recipient of **Dr. D S Kothari Post-Doctoral Fellow(DSKPDF)** Award by MHRD – UGC, New Delhi in 2018.
- Qualified in Tamil Nadu State Eligibility Test (**SET-2016**) for Lectureship accredited by UGC, New delhi, in 2016.

(Signature of the Teacher)