

CURRICULUM VITAE

Dr G. Sivanatha Reddy M.Sc., B.Ed., Ph.D

Asst. Professor (Adhoc)
Department of Civil Engineering
JNTUA College of Engineering
Pulivendula, YSR Kadapa Dist.
Andhra Pradesh, India.
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Objective:

Aim to be associated with a progressive organization that gives me scope to update my knowledge and skills in accordance with trends and be a part of item that dynamically works towards organization and gains satisfaction thereof.

Educational Qualifications:

Name of the course	Name of the Institution	Name of the University	Year of passing	Marks obtained %
Ph.D (Geology)	SVU College of Sciences	Sri Venkateswara University, Tirupathi.	2011	73
B.Ed	College of Education	Acharya Nagarjuna University, Guntur.	2005	74.14
M.Sc (Geology)	SVU College of Sciences	Sri Venkateswara University, Tirupati	2003	69.58
B.Sc (G.P.M)	Loyola (YSRR) Degree college, Pulivendula	Sri Venkateswara University, Tirupati.	2001	53.74
Intermediate (M.P.C)	YSRR J College	Board of Intermediate Education, Hyderabad.	1998	49.58
SSC	ZPPH School	SSC Board, Hyderabad.	1995	64

Subjects Taught: (last three years)

S.No	AY	Semes ter	Subjects taught	
1	2020-21	odd	II Civil I Sem	Engineering Geology
			III Civil I Sem	Water Resources Engineering – II
			II Civil I Sem	Engineering Geology Laboratory
			II Civil I Sem	CADD Laboratory
2	2020-21	Even	III Civil II Sem	Environmental Engineering – II
			II Civil II Sem	Hydrology & Water Resources Engineering
			IV Civil II sem	Project work (Successfully completed)
3	2021-22	odd	IV Civil I sem	Air Pollution and Control
			II Civil I sem	Design Thinking and Innovation (DTI)
			III Civil I Sem	Environmental Engg Laboratory
			III Civil I Sem	Water Resources Engineering – II
			III Civil II Sem	Project work phase - I
4	2021-22	Even	II Civil II Sem	Engg Geology
			II Civil II Sem	Engg Geology Laboratory
			III Civil II Sem	Research Methodology
			IV Civil II sem	Project work phase – II (Successfully completed)
5	2022-23	Odd	II Civil I Sem	Building Planning and Drawing
			III Civil I Sem	Advanced concrete Technology Lab
			III Civil II Sem	Project work phase - I

6	2022-23	Even	II Civil II Sem	Engg Geology
			II Civil II Sem	Engg Geology Laboratory
			III CSE II Sem	Environmental Impact Assessment & Management
			IV Civil II sem	Project work phase – II (Successfully completed)

Technical/Professional Qualification:

1. P.G.Diploma in Computer Applications (MS-Office)
2. Microsoft Certification on “Azure data fundamentals”.

Academic Awards / Fellows:

- DR SARVEPALLI RADHAKRISHNAN BEST FACULTY AWARD 2021, Centre for Professional Advancement, A unit of IMRF Regd with NITI Aayog, Govt. of India.
- YOUNG ACHIEVER AWARD 2020, Institute of Scholars (InSc), Bangalore, India.
- ASSOCIATE FELLOW of Andhra Pradesh Academy of Sciences (APAS) 2019, Amaravathi, Andhra Pradesh, India.

Professional Memberships:

- Life Member, Indian Society of Engineering Geology (ISEG), West Bengal, India.
Membership ID: LM – 1633.
- Life Member, International Institute of Organized Research (I2OR), Goa, India (Registered ministry of MSME, Govt.of India).
Membership No: I2OR/2020/00669.
- Life Member, Institute of Scholars (InSc), Bangalore.
Membership ID: InSc20203246

Reviewer:

Reviewer in Journal of International Journal of Civil Engineering, InSc, Bangalore.

Additional Qualifications:

1. NPTEL Online Certification course (MOOC) on “**Air Pollution & Control**” is successfully completed in 2023 funded by Ministry of Education, Govt. of India.
2. NPTEL Online Certification course (MOOC) on “**Geographic Information Systems**” is successfully completed in 2022 funded by Ministry of Education, Govt. of India.

3. NPTEL Online Certification course (MOOC) on “**Introduction to Remote Sensing**” is successfully completed in 2019 funded by MHRD, Govt. of India.
4. NPTEL Online Certification course (MOOC) on “**Ecology and Environment**” is successfully completed in 2019 funded by MHRD, Govt. of India.

Current Position:

Currently working as Asst. Professor (A) in the field of Engineering Geology and Hydrology, Department of Civil Engineering, JNTUA College of Engineering, Pulivendula, YSR Kadapa District, Andhra Pradesh, India.

Teaching Experience:

- Asst.Professor (Adhoc), Dept. of Civil Engineering, JNTUA College of Engineering, Pulivendula, YSR Kadapa Dist, Andhra Pradesh, India, since 9th Jan 2013 to till date.
- Previously I have worked as Assistant Professor (C), Dept. of Geology, Sri Venkateswara University, Tirupati during the period of 2011 to 2012.

Research Experience:

Worked as Junior Research Fellow (J.R.F) in Andhra Pradesh State Govt project entitled “**Evaluation of Dimensional Stone Granites of Chittoor District, Andhra Pradesh**” funded by Development of Mineral Resource and Technological Upgraded Fund (DMR&TUF) to Prof.R.C.Hanumanthu, Dept. of Geology, S.V.University, Tirupati, Andhra Pradesh, India during the period 2007 to 2010.

Academic Projects guided: (PG & UG Level)

1. In 2011 - 2012 Academic year for M.Sc Geology students entitled “Geology of the mafic dyke swarms of Tirupati and its surroundings” submitted to Dept. of Geology, Sri Venkateswara University, Tirupati.

I have guided SIX Academic projects in the following. (UG Level)

1. In 2021-22 Academic year for B.Tech Civil engineering students entitled “ Surface and Ground Water Quality Analysis of Pulivendula Rural Area, YSR Kadapa District, Andhra Pradesh, India.” submitted to JNTUA College of Engineering Pulivendula.
2. In 2019 - 2020 Academic year for B.Tech Civil engineering students entitled “Ground Water Quality Assessment of Pulivendula constancy, Kadapa district, Andhra Pradesh” submitted to JNTUA College of Engineering Pulivendula.
3. In 2018 - 2019 Academic year for B.Tech Civil engineering students entitled “Ground Water quality assessment in and around Pulivendula region” submitted to JNTUA College of Engineering Pulivendula.

4. In 2017 - 2018 Academic year for B.Tech Civil Engineering students entitled “Geological considerations to stable foundation” submitted to JNTUA College of Engineering Pulivendula.
5. In 2016 - 2017 Academic year for B.Tech Civil Engineering students “Augmenting Groundwater resources” submitted to JNTUA College of Engineering Pulivendula.
6. In 2015 - 2016 Academic year for B.Tech Civil Engineering students entitled “Planning and design of augmentation structures of water resources – a case study of JNTUA College of Engineering Pulivendula” submitted to Dept.of Civil engineering, JNTUACEP, Kadapa dist, A.P.

Research Publications:

1. **SIVANATHA REDDY G, ANUSHA P AND NARESH NAIK D** (2022), Surface and Ground Water Quality Analysis of Pulivendula rural Area, Ysr Kadapa District, Andhra Pradesh, India. PURAKALA UGC CARE Approved Journal ISSN: 0971-2143, Pages: 638 – 648, Vol 31 Issue 2, 2022.
URL: <https://publication.rockartweb.com/publication.php?term=SURFACE+AND+GROUND+UGC+CARE>:
https://drive.google.com/file/d/1x_NMLdRq4krqEOYbGvreZVDd0XglapfS/view?usp=sharing
2. **SIVANATHA REDDY G, and RASHEED AHMED SK** (2021), Planning and Design of Proposed Augmentation Structures of Water Resources in JNTUA College of Engineering Pulivendula Campus, Andhra Pradesh, India. GIS SCIENCE JOURNAL.ISSN. 1869 - 9391. Pages: 446 - 460, Vol.8, Issue.4, April, 2021. Paper ID: GSJ/3574. (S. No: 51)
DOI: 20.18001.GSJ.2021.V8I4.21.36921.
 SCOPUS ACTIVE JOURNAL LINK - <https://www.scopus.com/sourceid/21100364441>.
 UGC-CARE Group - II Journals - <https://ugccare.unipune.ac.in/apps1/home/index>.
3. **G SIVANATHA REDDY and T SHANMUKHA REDDY** (2020), Study and Assesment of Geotechnical Characterstics of Foundation Soils In Jntua College of Engineering Pulivendula wide Campus, Kadapa District, Andhra Pradesh, India. GIS SCIENCE JOURNAL.ISSN No.1869 - 9391. Pages: 215-227, Vol.7, Issue.12, December, 2020. Paper ID: GSJ/2470. (S. No: 20)
DOI: 20.18001.GSJ.2020.V7I11.20.36121.
 SCOPUS ACTIVE JOURNAL LINK - <https://www.scopus.com/sourceid/21100364441>.
 UGC-CARE Group - II Journals - <https://ugccare.unipune.ac.in/apps1/home/index>.
4. **G SIVANATHA REDDY, P VISHNU VARDHAN REDDY, and A D NANDHINI** (2020), Water Resources Management and Proposed Rechargeable Techniques of Ground Water of Inagaluru sub River in Pulivendula Region, Kadapa Dist, Andhra Pradesh. COMPLIANCE ENGINEERING JOURNAL, ISSN No.0898 – 3577, Page no. 212-223, Vol. 11, Issue. 11, November 2020. Paper ID: CEJ/3482. (S. No: 22)
DOI: 16.10089.CEJ.2020.V11I11.285311.3439
 UGC-CARE Group - II Journals Link <https://ugccare.unipune.ac.in/site/website/CareList.aspx>

5. **SIVANATHA REDDY G**, SANDHYA S, and HANUMANTHU R C (2019), The need of Artificial Recharge techniques for sustainable development of Ground Water Resources. INTERNATIONAL JOURNAL OF GEOLOGY AND EARTH SCIENCES (IJGES). ISSN No. 2395 – 647X, Pages: 131 - 145, Vol.5, No.2.June 2019.
Abstracting/Indexing: Crossref, Google Scholar, Genamics, Eurasian Scientific Journal Index (ESJI), etc.
DOI : 10.32937/IJGES, 5.02.2019.
6. **G SIVANATHA REDDY**, P SANDHYA REDDY, D SASI KUMAR and A RAMYA SREE (2018), Ground Water Quality Assesment in and around Pulivendula, Kadapa district Andhra Pradesh.INTERNATIONAL JOURNAL OF CREATIVE RESEARCH THOUGHTS (IJCRT), ISSN: 2320-2882, Page no.529- 535, Volume 6, Issue 2, April 2018.
7. M. JAGANNADHA RAO, J.VENKATA RAMANA, T.KARUNA KARUDU, P.J.RATNAKAR and **G. SIVANATHA REDDY** (2015) Some Insights into Placer Ilmenites of East Coast of India, with reference to their Occurrence, Variability and Source. JOURNAL OF ECONOMIC GEOLOGY & GEO RESOURCE MANAGEMENT (SCI), Vol No.10, April 2015, pp 155-168.
8. **SIVANATHA REDDY.G.**, HANUMANTHU, R.C. and SREENIVASULU. P. (2013), Dimensional Stone Black Granites of Chittoor district, Andhra Pradesh, India: An overview, INTERNATIONAL JOURNAL OF EARTHSCIENCES AND ENGINEERING (IJEE), Indexed in Scopus Compendex and Geobase Elsevier. ISSN 0974-5904, Volume 06, No. 03 June 2013, page no.461-467.
9. **SIVANATHA REDDY.G.**, HANUMANTHU, R.C. and PADMASREE, P (2012), Black Granite Industry in Chittoor district, Andhra Pradesh, India: Methods and problems of Quarrying. MINING ENGINEER'S JOURNAL, (MEJ) Vol.14, No.4, page no.23-28.
10. SREENIVASULU.P, HANUMANTHU.R.C, **SIVANATHAREDDY.G**, (2012), On the Evolution of green Stone, Estern Dharvar craton, South India. INTERNATIONAL JOURNAL OF EARTHSCIENCES AND ENGINEERING (IJEE), Indexed in Scopus Compendex and Geobase Elsevier. Vol.No.05, Oct 2012.

Seminar/Conference Papers:

1. **SIVANATHA REDDY.G.**, HANUMANTHU, R.C. and PADMASREE, P (2011) Resource evolution of black granite deposits of chittoor district, Andhra Pradesh:Geological implications. Frontiers of Earth Science Research, proceedings of the Seminar,5-6th May 2012. Pp 40-45.
2. **G.Sivanatha Reddy** and R.C.Hanumanthu (2012) Prospectus of Granite Industry in Chittoor district, Andhra Pradesh, India. A National seminar on “Planning strategies for regional development” 21&22 sep 2012 at Sri Venkateswara University, Tirupati.
3. **G.Sivanatha Reddy**, et al (2011) Management of Environmental problems for sustainable development in mining of Dimensional stone granites of Chittoor district, A.P. A National seminar on“Strategies for sustainable Environment” 29-30 Mar 2011 at Srivenkateswara University, Tirupati.

4. R.C.Hanumanthu, N.Subba Reddy, N.B.Y.Reddy, **G.Sivanatha Reddy** and D.B.Sankar (2009) An appraisal of Dimensional stone granites (DSG) of Chittoor district, Andhra Pradesh, India. National Seminar on “EARTH – A BOUNTY PLANET” held at Sri Venkateswara University, Tirupati, Andhra Pradesh, India during 13&14 March 2009.

Training Programmes attended:

1. Short term training program on “Paper **and Article Writing**” with LATEX organized by JNTUA College of engineering (Autonomous) Pulivendula sponsored by TEQUP-II from 17th to 19th March 2017.
2. Preparation and Role of Geocoded Digital Maps in Water Resources Development and Management – Organized by **Survey of India** during 2nd to 6th January 2006 at Hyderabad.
3. Participated in a two week training programme conducted by **Geological Survey of India** Southern Region from 03-02-2003 to 16-02-2003.

Faculty Development Programmes (FDPs) completed:

1. AICTE Training and Learning (ATAL) Academy organized Faculty Development Programme on “ Applications of Remote sensing and GIS” from 27 – 31st December 2021, at Deenbandhu Chhotu Ram University of Science & Technology, Murthal, India.
2. AICTE - Sponsored Six Days Online STTP on “Disaster Risk Management - Phase I” organised by the Department of Civil Engineering, University College of Engineering, BIT Campus, Anna University, Tiruchirappalli from 29th November 2021 to 04th December 2021.
3. National level Faculty development programme on “Applications of Remote sensing & GIS in Water Resources” organized by the National Institute of Technology (NIT) Tadepalligudem, Andhra Pradesh, India during 19th to 23rd October 2020.
4. National level Faculty development programme on “Earthquake Geotectonics” organized by the National Institute of Technology (NIT) Tadepalligudem, Andhra Pradesh, India during 22nd to 26th September 2020.
5. National level faculty development programme on “Environmental Resources Management towards Sustainability” organized by Andhra University, Vishakhapatnam, A.P. India on 21st to 24th July 2020.

Workshops/Seminars Participated (International / National):

1. International Conference on “Recent **Advances in Geotechnics (EGCON 2021)**” organized by Indian Society of Engineering Geology (ISEG) in association with NHPC Limited, held during December 9-11, 2021.

2. National level workshop on “**Research Methodology in Science and Technology**” organized by TEQUP-II JNTUA College of engineering Pulivendula during 17th and 18th October 2016.
3. National level work shop on “**Patent drafting and filing**” organized by Engineering staff college of India (ESCI), Hyderabad during 23rd April 2016.
4. National level workshop on “**Human values and Professional Ethics**” organized by Dept. of Humanities and Social science, JNTUA College of Engineering, Pulivendula under TEQUIP-II during 7th & 8th Nov 2014.
5. National level workshop on “**Innovative methods of Teaching soft skills**” organized by Dept. of Humanities and Social science, JNTUA College of Engineering, Pulivendula under TEQUIP-II during 27th & 28th March 2014.
6. National seminar on “**Water resource management for sustainable Agriculture**” organized by Dept. of Geography, Sri Venkateswara University, Tirupati during 28-29 Mar, 2012.
7. National work shop on “**Applications of Remote sensing and geographical information systems**” organized by Dept. of Geography, Sri Venkateswara University, Tirupati during 02-04 Feb 2012.
8. National Seminar on “**Environment – Public Participation**” organized by Dept. of Geology, Sri Venkateswara University, Tirupati, Andhra Pradesh, India during August 29-30, 2011.
9. National seminar on **Strategies for Sustainable Environment** organized by Dept of Geology, S.V.University, Tirupati, Andhra Pradesh, India during 29-30th March, 2011.
10. National seminar on **Growing urbanization: Basic Amenities-Challenges& Strategies** organized by the Dept of Population studies and Social work, S.V.University, Tirupati, Andhra Pradesh, India during 24-25th February, 2011.
11. National Seminar on “**Earth Resources – Role of Geologist in Ameliorating the Environment**” held at S.V.University, Tirupati, Andhra Pradesh, India during 29th - 30th March 2010.
12. National work shop on **Exploratory and Programme Development** held at Sri Venkateswara University, Tirupati, Andhra Pradesh, India during 29th-30th October 2009.

Webinars Participated :

1. National webinar on “ Geomagnetic field in Geosciences” organized by Department of Geoscience, Dr B.R.Ambedkar University, Srikakulam, Andhra Pradesh, India on 4th Sep 2020.
2. National webinar on “ Recent developments in Natural Resource Exploration” organized by Yogi Vemana University, Kadapa, Andhra Pradesh, India on the dates 20th & 21st August 2020.

3. National level training programme on “ Ground Water & Management in Costal Andhra Pradesh” organized by Central Ground Water board, Southern region, Hyderabad on 24th & 25th August 2020.
4. National webinar on “National Education Policy (NEP) – 2020 FOR Quality Education” organized by Shivaji College, University of Delhi on 19th Sep 2020.
5. National level faculty development programme on “Environmental Resources Management towards Sustainability” organized by Andhra University, Vishakhapatnam, A.P. India on 21st to 24th July 2020.
6. National Webinar on “Recent Advances in Structural Engineering (RASE)” organized by JNTU Anantapur, A.P. India on 30th May 2020.

Responsibilities:

- Being as a Faculty Coordinator of National level Student Technical Symposium AASHRAY 2K-2015, 16, 17 & 18, Department of Civil Engineering, JNTUA College of Engineering, Pulivendula, A.P. India.
- Responsibility as a member of “Anti Ragging committee” JNTUA College of Engineering Pulivendula, A.P. India.
- I am the own hands contribution to Establishment of Geology Laboratory, Dept. of Civil Engineering, JNTUA College of Engineering Pulivendula, A.P. India.

Additional departmental works:

NAAC Work Coordinator, Dept. of Civil Engineering, JNTUA College of Engineering Pulivendula (2022- 2023), JNT University, Anantapur.

Other Academic Activities:

- I have been carried out Geology Question paper setting to various Colleges.
- Worked as Observer and paper corrections for University examinations.
- Worked as student’s Adviser and Councilor for Academic and social development.

Personal Information:

Name : Gajjala Sivanatha Reddy
Date of Birth : 12th May 1979
Marital Status : Married
Sex : Male
Nationality : Indian

Permanent Address:

S/o Chenna Kesava Reddy
Chavvari palli (p/v)
Lavanur (via)
Simhadripuram (M)
Pulivendula-516464,
YSR Kadapa (Dist.)
Andhra Pradesh- India.

Declaration:

I affirm that all the above information, true and represented my abilities to take up suitable assignment in the field of Earth science (Geology) and it's related.

G. Sivanatha Reddy

(G SIVANATHA REDDY)