

Chief Advisor

♦ **Dr A. Sri Sailanath** - Msc. Tech (Geo Physics) Ph.D

Former Regional Director,
Central Ground Water Board & Ground Water Authority,
Ministry of Water Resources,
Government of India.

Field of Specialization:

- A) Mineral Investigation / Exploration
- B) Systematic Geological Mapping
- C) Specialized Thematic Mapping
- D) Geochemical Mapping
- E) Mineralogy and Petrology
- F) Petro Chemistry
- G) Medical / Environmental Geology
- H) Preparation of Mining Plans
- I) Hydrocarbons
- J) Mineral Benefications
- K) Electro Magnetic Surveys
- L) Drone Magnetic Surveys
- M) GPR Resistivity
- N) Seismic Surveys
- O) Mining Plans
- P) R&D, AI Application in Geo Solutions



*The Conceptual Approach is our
Main Motto.*

Contact Us

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Hyderabad - 500016 INDIA.

📍 CMT Geo Solution R&D Center,
E 3, 3rd Floor, Technology Research Park,
Indian Institute of Technology Hyderabad,
IITH Road, Near NH-65, Sangareddy,
Kandi, Telangana - 502285.



**IIT HYDERABAD
TECHNOLOGY RESEARCH PARK**



Integrated Approach

We Probe For Strategic & Critical Minerals

Mineral Exploration

Geo-Solutions

Geology

Mining Solutions

About C M T

We Specialize In Systematic Exploration Of Minerals To Bridge The Gap Between The Initial Discovery Of A Prospect It's Eventual Exploration By Employing Wide Range Of Geophysical Techniques Those Rely On Gravity, Magnetic, Electromagnetic (csamt, Amt, Mt), Ip/resistivity, Ground-penetrating Radar, Shallow Seismic And Borehole Wire Line Logging. Our Team Of Experts Have A In-depth Experience In Geological Mapping, Modeling And Resource Quantification Together, We Offer Comprehensive Expertise In Multiple Research Subjects Such As Geology, Geophysics & Geochemistry.

Our Vision

Our Vision Is To Enable And Enhance The Exploration of Deep-seated Minerals Those Are Scarcely Available Based on Knowledge From Our Best In Class Experts And Experience To Fulfill Needs of The Nation In The Near Future By Employing The Best Available Sophisticated Technological Advancements Thus Progressing The Nation Towards Self- Sufficiency and Building A Self-reliant In Rare & Critical Mineral Production.

Our Mission

CMT Has The Mission "to Provide High Quality, Cost Effective And Time Bound Geo-Scientific Services For Exploration Of Minerals".



Dr. Terala. Rajesham

M.Sc. Ph. D. (Osmania University)
Former Director (Geology),
Geological Survey of India,
Govt. of Inida.

DIRECTOR TECHNICAL & PROJECT CO-ORDINATOR

Memberships of Academic / Professional Bodies

- 1.Fellow of Geological Society of India, Bangalore.
- 2.Fellow of International Association for Gondwana Research

Field Experience :

More Than 4 Decades of Field Experience In Mineral Exploration And Geological Mapping In Varied Lithological Terrains

Experience In India:

Mineral Exploration Works Taken Up In Official Capacity In The States Of Arunachal Pradesh, Maharashtra, Telangana And Andhra Pradesh.

Overseas Experience:

Investigations And Exploration Studies Carried Out For Various Minerals Like Gold, Diamond, Base Metals, Tin, Coal, Iron Ore, Manganese, Gypsum, Chromite, Copper, Phosphorite, Barytes, Nickel, Granite, Tin, Limestone and Dolomite In Various Countries Japan, Tanzania, Kenya, Gabon, Liberia, Uganda, Turkey, Ivory Coast, Malaysia, South Africa, Namebia, Senegal, Ethiopia, Baluchistan, Iran, North Korea, Bhutan.

Special Task

Japan - Gold Exploration & Geo Chronology.



Dr. Y Satyanarayana

M.Sc.Tech,
Ph.D(IIT-ISM) Geophysics,
PRM (IIM- Ahmadabad)

DIRECTOR - R&D, Geo Solutions, AI & CEP.

CMT Geo Solution Center, Technology Research Park IIT Hyderabad.
Former Scientist 'G' & Associate Director DRDO, Hyderabad,
Having Extensive Experience in AI, ML & Data Science,
Geophysical Exploration, Environmental
Geotechnical Land & Marine Studies With Vast National & Overseas Exposure.



K.Nageswara Rao

MSc. (Geology),
MSc. (Env.Science),
MA (PPM).

Director - Geology, Public Relation & Co-ordination

Former ADM&G, Mines & Geology, A.P. Government,
Over All Knowledge In The Fields Of Geology,
Environmental Issues and Public Relations.



Vikram K.Y

Operations Management (IIT - Delhi)
Exports Management (IIEB, Bangalore)

DIRECTOR - OPERATIONS

An Entrepreneur From Indian Institute Of Technology - Delhi,
Since 1998 He Has Achieved Various Mile Stones In
International Business To Different Countries And Consultant In
Government Organisations.
Mr Vikram Established Business In Singapore, Malaysia And
Indonesia Also Working As Member, Advisory Council To ITPC.



P. Prashanth Kumar

DIRECTOR - PLANNING

Committed And Passionate First Generation Entrepreneur.
Who Hails From Strong Business Community & Pioneered
Entrepreneur And Creative Has Always Been In Passion.
Mr Prashanth Stayed In USA For A Decade With Multiple
Business Exposure Is Diversified In Different Businesses Like
Power Generation, Infrastructure Defense And Civil Equipment
With Cutting Edge Technology.
He's Also Passionate About New Generation Feature Films.