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Brief

Bio-data of

Dr. D S Subrahmanyam
Scientist & Head
Geotechnical Engineering Division



National Institute of Rock Mechanics

(Ministry of Mines, Govt. of India)

1. PERSONAL DATA

Name	Duvvuri Satya Subrahmanyam
Father's Name	SURYANARAYANA
Mailing address	Dr. D. S. Subrahmanyam Scientist & Head Geotechnical Engineering Division National Institute of Rock Mechanics Eshwar Nagar, Banashankari Stage-II Outer Ring Road, Bangalore-560070
Present position & area of specialisation	Scientist & Head, Geotechnical Engineering Division
Telephone	080-26934415 (off) 080-29755570 (Res) Fax: 080-26934401
Mobile No.	09448402572
E-mail ID	subbu3268@gmail.com
Date of birth	03-02-1968
Age	51 Years
Nationality:	Indian
State of Domicile	Andhra Pradesh

2. ACADEMIC & PROFESSIONAL QUALIFICATIONS (STARTING FROM MATRICULATION)

Qualification	Subjects/ Specialization	Duration		College/ Institute/ University	Division/ Grade etc.
		From	To		
Matriculation		1982	1983	Board of secondary Education	First class School First
Intermediate	Physics, Chemistry Biology	1983	1985	Board of Intermediate Education	First class College First
B. Sc	Geology Physics Chemistry	1985	1988	Andhra University	First class with Distinction University First in Geology
M. Sc	Geology	1988	1990	Andhra University	First class with Distinction
Ph. D	Geology	2006	2010	Bangalore University	Adjudicated as the best thesis by examiners

3. EMPLOYMENT DETAILS (in reverse chronological order) (Total Experience= 29 years)

Employer	Date of Joining	Date of Leaving	Designation	Nature of Job done
National Institute of Rock Mechanics	01-01-2014	Present	Scientist-V & Head of the Division (Geotechnical Engineering Department)	As Head of the Division, Liaising with clients, Planning and Execution of sponsored and Research projects, investigations, preparation of reports etc.
National Institute of Rock Mechanics	13-08-2008	13-08-2014	Scientist-IV	Geotechnical field investigations for different Hydel, Mining Irrigation projects, analysis of the results, preparation of the Reports
National Institute of Rock Mechanics	13-08-2003	13-08-2008	Scientist-III	Geotechnical field investigations for different Hydel, Mining Irrigation projects, analysis of the results, preparation of the Reports
National Institute of Rock Mechanics	13-08-1997	13-08-2003	Scientist-II	Geotechnical field investigations for different projects
Nagarjuna Constructions Company Ltd	12-04-1997	05-08-1997	Geologist	Geological investigations
Gallop Granites Ltd	05-06-1993	30-03-1997	Geologist	Geological investigations
Cement Corporation of Gujarat Ltd	20-03-1991	20-05-1993	Geologist	Geological investigations

4. Membership of the academic, scientific and professional bodies:

- 1. Premier Member of India, National Instruments, USA**
- 2. Professional Member, Geological Society of America (9174024)**
- 3. Life member, Indian Society of Engineering Geology (LM-1312)**
- 4. Life Member, Indian Geological Congress (LM-813)**
- 5. Life Member, Society of Geoscientists and Allied Technologists (LM-751)**
- 6. Life Member, Indian Society of Rock Mechanics & Tunneling Tech (LM-2207)**
- 7. Fellow, Geological Society of India (F-2975)**
- 8. Fellow, Society of Earth Scientists (F-465)**
- 9. Member, Metalliferous Mines and Geological Institute (6395)**
- 10. Member, International Society of Rock Mechanics (India) (NIRM-11)**
- 11. Member, Young Earth Scientists Association (No. 3015)**
- 12. Member, International Association for Hydrological sciences (No. 12826)**
- 13. Member, International Association of Volcanology and Chemistry of the Earth's Interior (No. 10223221)**
- 14. Member, International Association for Geo-ethics**
- 15. Member, International Geoscience Education Organisation**
- 16. Member, International Association for Geoscience Diversity**

5. Additional Information

- ❖ Adviser and Interview Board Member, UPSC (Govt. of India)**
- ❖ Chairman, Karnataka Chapter, CAFET Innova Technical Society**
- ❖ Editor, Special issue (Geosciences), Scientific and Academic publishing, USA**
- ❖ Editor, International Journal of Geology and Mining Research**
- ❖ Editor, IJGG, International Organisation of Scientific Research, USA**
- ❖ Editor, International Journal of Advanced structures and Geotechnical Engineering**
- ❖ Editor, International Journal of Physical Sciences(AIJ), USA**
- ❖ Editor, International Journal of Geology, Earth & Environmental sciences**
- ❖ Associate Editor, African Journal of Engineering Research**
- ❖ Reviewer for International Journal of Scientific and Academic publishing (Geosciences, USA)**
- ❖ Reviewer for International Journal of Mining Engineering and Mineral Processing (USA)**
- ❖ Reviewer for International Journal of Earth science and Engineering.**
- ❖ Paper setter for B.Tech (Mining Engineering), Visweswaraya University of Technology**

6. No. of Publications

a) International Journals : 15

b) National Journals : 09

c) International Symposia : 22

d) National Symposia : 15

e) Other publications : 03

f) Technical Reports : 115

Patents : 02

Technical Reports : 115

Research Reports: 06

Chapter in Books : 01

Books :01 (Under final stage)

Guiding for Ph.D degree : 04 candidates

7. MAJOR RESEARCH PROJECTS

S.N	YEAR	TOPIC OF RESEARCH	AGENCY
1	1997-2000	Development of Guidelines for improving Recovery percentage in Dimensional Stone Mining (as co-investigator)	Ministry of Mines
2	1997-2000	Setting up Granite mining cell at NIRM (as co-investigator)	Ministry of Mines
3	1997-1999	Sublevel Stopping at Manganese Ore India Ltd (as co-investigator)	Ministry of Mines
4	1999 -2004	Measurement of In-Situ Stress by Hydrofracture Method and Investigations on Redistribution of In- Situ Stress due to Local Tectonics and Methods of Workings at Tandsi and Thesgora Mines, to devise a Suitable Support Plan (as co-investigator)	Ministry of Mines
5	2010-2014	Development of State of the Art Facilities for In-Situ Stress Measurement by Hydrofracture method in Porous and Fractured Rocks (as Principal investigator)	Ministry of Mines
6	2015 continuous	Assessment of horizontal stress field in deeper horizons and development of roof hazard maps of coal resources in SCCL command areas (as Principal investigator)	Ministry of Coal

8. Honors/Awards conferred:

1. Best Department Award, National Institute of Rock Mechanics 2010
2. Merit Certificate for Rashtra Bhasha Development in NIRM 2012
3. Merit Certificate for Rashtra Bhasha Development in NIRM 2017
4. Best Officer Award, Cement Corporation of Gujarat Ltd.
5. Proficiency certificates in Geology at B. Sc and M. Sc levels
6. Sahu Jain Merit scholarship at Post Graduate level
7. Merit Certificates for Essay and Debate competitions at School/College
8. Merit Scholarship by NCERT at High School Level

9. Countries visited

Country visited	Period of visit	Purpose of visit
Finland	5 days	Official
Sweden	1 day	Official
Bhutan	6 Months (13 Visits)	Official
Nepal	3 Months	Official
Singapore	1 week	Official