

Brief Bio-data

1. Name: Dr. A.L.V. PRASAD

2. Date of Birth: 22.10.1971

3. Current Position and Address (Include Email ID and Contact Number)

Sr. Technical Officer-1,

Address: Type II-49, NEERI Colony, Nagpur-440020

Email: alvprasad@cimfr.nic.in, Contact number: 9423680753

4. Educational qualifications: (Graduation and above)

Sl. No.	Degree	Year of Passing	University/Institute	Subject
1	B. Sc	1992	Osmania University	Maths, Physics & Geology
2	M.Sc	1994	Osmania University	Geology
3	PhD	2017	RTM Nagpur University	Geology

5. Work experience:

Designation	Institute/company	From	To	Nature of Work
Project Fellow	CSIR-NGRI	15.11.1995	17.10.1997	Geohydrological studies, Natural & Artificial Recharge studies
JTA (joining) to Sr. Technical Officer-1(present)	CSIR-CIMFR	29.10.1997	Present	Quality Assessment of Borehole coal cores, Sampling of coal from various sources, Labscale coal beneficiation studies

6. Work Area(s)/ Specialization: Borehole coal core studies, Sampling of coal from different sources labscale coal beneficiation studies, **Specialization:** Coal Geology

7. **Major contributions:** (Max. 100 words): Lithological studies for Quality evaluation of borehole coal/lignite cores, Scientific study of coal dispatched from various sidings of Coal India/SCCL and received at power stations, lab scale beneficiation for obtaining operating specific gravity for maximum yield at targetted ash content, Internal audits of Quality Mangement Systems of the Centre, development of software for DATABANK of coal resources of the area, , (all as core member of the activity).

8. No. of Research Publications:

- Papers in Journals: 4
- In conference proceedings: 3
- Invited lectures delivered: 1
- List of best 05 publications:

i) Singh S.P, **Prasad A.L.V**, Acharya R.K, Katley R.L, Chayande P. K , Sakhre D.K: Reduction of Sulphur of a high Sulphur coal from Marki Mangli mine, Wardha Valley Coalfield, central India, Pittsburgh coal conference 2016 (paper accepted for presentation)

- ii) Pophare A.M, **Prasad A.L.V**, Katley R. L: Sulphur distribution patterns in Permian Coal Seams of Kamptee Coalfield, Central India”, in Challenges and Challenges and Strategies in Mineral Exploration and Mining, Special Vol: 1, 2017, pp-203-2010.
- iii) Pophare A.M, Katley R.L **Prasad A.L.V**: Lithological study of borehole coal cores of Bhivkhund block, Wardha Valley Coalfield”, in Challenges and Challenges and Strategies in Mineral Exploration and Mining, Special Vol: 1, 2017, pp-195-202
- iv) Pophare A.M, Ramteke C P, **Prasad A.L.V (2010)**: Maceral Composition and Depositional Environment of Coal Seams of Kamptee Coalfield, Central India, Gondwana Geological Magazine, Special Volume No.12, 2010, pp.153-160
- v) Sakhre D.K, Singh S.P, Acharya R.K, Katley R.L, **Prasad A.L.V**, Chayande P.K(2018) , Coal Wnnowing: An Innovative Technique for Dry Coal Beneficiation, CPSI Journal, Volume – 10, Number - 28 , May-2018.

- Books/Chapters authored/edited: Nil

9. List of 5 Major Contract R&D Projects:

- i) **GAP-7029**: Quality Evaluation of Coal Core Explored from Different Regions of India
- ii) **MLP-065**: To study the effect of blending of imported coal and Indian coal on coal quality parameters
- iii) **MLP-069**: Systematic compilation of coal quality, coal property and ash quality data for preparation of data bank of virgin coalfields of Maharashtra, Madhya Pradesh, Andhra Pradesh, Odisha, Chhattisgarh and lignite fields of Tamil Nadu, Gujrat & Rajasthan
- iv) **Mega Coal Sampling projects (Third Party Sampling)**
Loading sites: sidings of Western Coalfields Ltd & Singareni Collieries Company Ltd, Unloading sites: Power plants of NTPC, MAHAGENCO, KPCL, GSECL, MPPGCL, APGENCO.
- v) **GAP-7028**: Design of the coal Wnnowing System and conducting experiments on various feed sizes of coal to determine yield of clean coal both qualitatively and quantitatively.

10. (a) Name of Patents/Copyrights applied /granted/commercialized: Nil

(b) Technologies/Products /knowhow/Services developed:

Developed a homogeneous coal sample for Proficiency Testing Program

11. Honors/Awards/Recognitions/Fellowships/Scholarships/Professional Memberships received:

Life Member of Gondwana Geological Society, Nagpur.

12. Societal Contributions: The scientific studies conducted at the Centre help in augmentation of National Inventory of coal/lignite reserves of the country. The qualitative data generated aid in earmarking coal resources for different user industries. Testing services rendered by the Centre help in maintain quality standards in coal user industries. In all, the scientific/ consultancy studies help in the Thermal Energy chain (exploration to end user) of the nation.

ALV
31/08/2021
(Dr.A.L.V. PRASAD)

Sr. Technical Officer-1

Id No 91577

CSIR-CIMFR, Nagpur Research Centre (Fuel Sciences)